

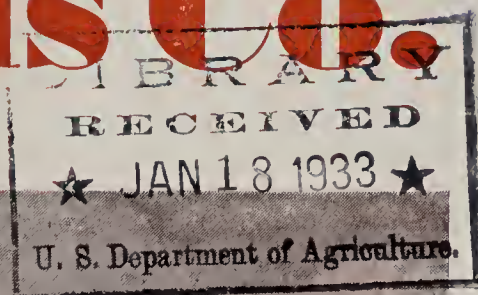
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63.21 1933

Mark Means Co.

Lewiston, Idaho



The Clearwater River at the Time of Lewis and Clark

"LEWIS-CLARK QUALITY"

1933 CATALOG

SEEDS

FARM RELIEF

It is conceded that the only sure method of farm relief for the wheat grower is to cut the acreage and raise other crops of which there is no over production.

In our district a large percentage of the land is suitable for dairying and poultry raising. Our climate is well suited for both these industries and we are close to good markets.

For successful livestock raising it is necessary to have an abundance of good hay and pasture. Each year alfalfa is becoming more popular and where a hardy strain of pure seed is planted a large tonnage of fine quality hay can be produced.

Good pasture is equally important. In many districts best results are obtained by planting a mixture of Grasses and Clovers; while in others, growers are having wonderful success pasturing Sweet Clover.

Look through our catalogue—you will find Alfalfas, Clovers and Grasses listed and described. If you have any questions write us and we will be glad to give you any information that we can.

This is the time to sow grasses, Clover and Alfalfa — Prices are lowest in years.

ALFALFA

Our Alfalfa seed is raised in the high mountain valleys and is dry land seed. These strains have proven the hardiest and will withstand the severe winters of our surrounding country. All lots are State Tested for purity and each sack is tagged showing the purity and germination.

CLOVER SEED

We are located in the center of the Northern Idaho Clover producing districts. Our seed is raised on the high benches without irrigation. The winters are severe and the result is we have one of the hardiest strains of both Medium Red, Mammoth and Alsike Clovers produced in the country. Great care has been taken in getting these fields started to keep them free from noxious weeds and we select for our trade the cream of the crop. This is carefully cleaned in our modern cleaning plant and each lot is State Tested. A copy of this test is on each bag shipped out.

Clovers are being used more each year, especially in the dairying districts. Not only do they produce one of the most valuable crops, but being legumes they greatly enrich the soil.

On pages 4 and 5 you will find the different varieties described and priced.



We operate the Mountain Valley Seed Co., Arling, Idaho. In this district we raise garden and field peas, clovers, timothy and other grass seeds at an elevation of 4500 feet above the sea level. Seed raised under these conditions are very hardy and of high germination.

Established in 1900

Thirty-Three Years of Service

THROUGH the medium of this catalogue the Mark Means Company sends greetings to all customers old and new, as well as to prospective customers for the season of 1933.

For the past thirty-two years we have been giving the best seed service to the farmers and growers of the Northwest, also to the home gardener. The many unsolicited testimonials we receive each year from satisfied users of our seeds, are very much appreciated, and we are always glad to have them.

The number of our customers increases yearly, and we wish to thank all our friends for past favors, and trust we shall have the pleasure of receiving your orders again, not only this year but in the years to follow. When you buy our "Lewis-Clark" quality in either field or garden seeds, you are assured of receiving the best obtainable, and the most suitable for successful crops in your locality.

If you desire any information or advice regarding field or garden crops, please write us fully and the matter will have our prompt attention. When in Lewiston, call and see us and let us show you around the store, warehouse and up-to-date cleaning plant. Make our office your headquarters while in town.

Glance through this catalogue—NOW—don't put it off until later—take order sheet from the back, write down your wants, no matter how small or how large, mail us the order and we will fill it with the utmost care.

Farm Garden Collection

\$4.10 Value for \$2.75

| | |
|--|--------|
| Beans, 1 lb. Burpee's Stringless | \$.20 |
| Beans, ½ lb. Kentucky Wonder | .15 |
| Beans, 1 lb. Brittle Wax | .20 |
| Beets, ¼ lb. Early Blood Turnip | .30 |
| Carrots, ¼ lb. Danvers Half Long | .35 |
| Corn, ½ lb. Golden Bantam | .15 |
| Corn, ½ lb. Golden Giant | .15 |
| Corn, ½ lb. Evergreen | .15 |
| Cucumbers, 1 oz. Boston Pickling | .10 |
| Cucumbers, 1 oz. Davis Perfect | .10 |
| Lettuce, 1 oz. Grand Rapids | .10 |
| Lettuce, 1 oz. New York | .20 |
| Cantaloupe, 1 oz. Burrell Gem | .10 |
| Watermelon, 1 oz. Kleckley Sweet | .10 |
| Onion, 1 oz. Prizetaker | .15 |
| Onion, 1 oz. White Globe | .15 |
| Peas, 1 lb. American Wonder | .25 |
| Peas, 1 lb. Telephone | .25 |
| Parsnips, 1 oz. Hollow Crown | .10 |
| Radishes, 1 oz. White Tip | .10 |
| Radishes, 1 oz. Icicle | .10 |
| Spinach, 1 oz. Bloomsdale | .10 |
| Squash, 1 oz. Table Queen | .10 |
| Squash, 1 oz. Green Hubbard | .10 |
| Turnip, 1 oz. Snowball | .10 |
| Turnip, ¼ lb. White Globe | .25 |

ALL FOR \$2.75—Postpaid.

\$4.10

Special 75 Cent Collection

| | |
|--|--------|
| Beans, ¼ lb. Burpee's Stringless | \$.10 |
| Beets, Early Egyptian | .05 |
| Carrots, Danvers Half Long | .05 |
| Sweet Corn, Golden Bantam | .10 |
| Cantaloupe, Hearts of Gold | .05 |
| Cucumbers, Long Green | .05 |
| Lettuce, Grand Rapids | .05 |
| Lettuce, New York Head | .05 |
| Onions, Yellow Danvers Globe | .05 |
| Peas, Green Admiral | .15 |
| Peas, Everbearing | .15 |
| Parsnip, Hollow Crown | .05 |
| Radish, Early Scarlet Globe | .05 |
| Radish, Icicle | .05 |
| Turnip, Purple Top S. L. | .05 |

\$1.05

ALL FOR 75 CENTS—Postpaid.

NOTICE—Our special collections are all put up in advance and are ready to mail on receipt of order and therefore the assortments cannot be broken.

Flower Special

Any twelve 10c Flower Seed Packets for \$1.00.
Postpaid.

FRESH VEGETABLES

From Your Own Garden—When You Want Them

One of the nicest features about your own garden is that the vegetables are there when you want them—fresh and full of flavor. When you raise your own, they seem to taste better.

BUY YOUR SEEDS EARLY

You will gain a distinct advantage by arranging for your seed supply, as orders must be filled carefully.

IMPORTANT

Owing to fluctuations in market prices it may be necessary to change some of the prices quoted herein during the season. Should prices change and orders be received at prices named, seeds will be sent equivalent to the money received, figuring the order at current prices.

HOW TO SHIP

Always state how you want heavy seed shipped, by freight, parcel post or express, and if your station is a prepay point, don't forget to add enough money to take care of the charges. Should you not receive the goods you ordered within a reasonable time, write us regarding the matter and we will gladly put a tracer after your shipment.

We Deliver Free by parcel post or express, all Vegetable and Flower Seed unless otherwise stated. All other items are F. O. B. Lewiston, and postage, freight or express charges, if your station is a prepay station, must be added.

FIELD SEEDS

Prices on practically all field seeds are much lower this season than for the past several years. However, the first price of grass, clover and other field seeds is not the most important factor that governs the purchase. Nothing is more important to the farmer than that the seed he sows should be clean and of high purity and germination, heavy plump and matured, so as to insure a good crop. Our Lewis-Clark quality seed, while costing a little more in the beginning, is really much cheaper in the end than grades sold at lower prices. Heavy, plump seed germinates better and will produce a greater number of strong plants. With our many years of experience in and knowledge of the seed business, also our up-to-date cleaning machinery, we are in a position to furnish you seeds that will satisfy every requirement at a reasonable price. If you are planning to seed a large acreage, write us and we will gladly quote you a quantity price. Samples will also be sent on request.

The surest way of building up your land and assuring yourself a good profit is to plant alfalfa, clovers and grasses, and raise livestock. Also produce your own vegetables and flowers by planting a home garden.

OUR BRANDS

LEWIS-CLARK is our best brand and only the best seed obtainable is so branded. It is always 99% pure and usually higher, no noxious weeds, and of the highest germination. We recommend this brand.

FANCY. Our Fancy grade is equal to, and in many cases has a higher purity and germination than other so-called "best" brands. Tests 98% or better.

CHOICE. Although lower in purity and germination than our other two grades, our Choice grade is good seed, 97% or better pure.

ALL FIELD SEED PRICES ARE F. O. B. LEWISTON UNLESS OTHERWISE STATED

Timothy

Timothy is by far the most valuable of all grasses for hay, and is also fine for mixing with red or alsike clover for either hay or pasture. Our seed is Northern Idaho grown, recleaned and put in the best condition for seeding.



Timothy

| | 1 lb. | 10 lbs. | 25 lbs. | 50 lbs. | 100 lbs. |
|-------------|--------|---------|---------|---------|----------|
| Lewis-Clark | \$0.11 | \$1.05 | \$2.25 | \$4.25 | \$8.00 |
| Fancy | .10 | .95 | 2.10 | 4.00 | 7.50 |
| Choice | .09 | .85 | 1.95 | 3.75 | 7.00 |

Domestic Rye Grass

This variety of Rye Grass is rapidly increasing in favor with dairymen in this district. Those who have used it state that it will carry more stock than any other grass, and will increase the milk flow. It is a rapid grower, winter hardy and makes a quick regrowth after mowing, and remains green much longer than other varieties. Can be grown successfully on dry, shallow, poor soils as well as on the better soils. At the price we can furnish you this seed, it will pay every dairyman to plant a few acres. Broadcast, 30 pounds per acre.

| | 1 lb. | 10 lbs. | 50 lbs. | 100 lbs. |
|-------------|--------|---------|---------|----------|
| Lewis-Clark | \$0.10 | \$0.90 | \$4.00 | \$7.50 |

Kentucky Blue Grass

Makes the best pasture of any grass. Starts early in the spring, and lasts until late in the fall.



Should form part of every pasture mixture. Also used extensively for lawns.

| | 1 lb. | 10 lbs. | 50 lbs. | 100 lbs. |
|---------------------|--------|---------|---------|----------|
| Lewis-Clark Quality | .40 | 4.00 | 18.50 | 35.00 |
| Fancy | \$0.35 | \$3.50 | \$16.00 | \$30.00 |

English or Perennial Rye Grass

A quick-growing, nutritious variety, forming a dense, even sod, and is used extensively for pastures, meadows and lawns. Succeeds as well in the shade as in the sun. Will stand close cropping, and has a strong successive growth.

| | 1 lb. | 10 lbs. | 50 lbs. | 100 lbs. |
|---------------------|--------|---------|---------|----------|
| Lewis-Clark Quality | \$0.20 | \$2.00 | \$8.00 | \$15.00 |

Italian Rye Grass

This variety is distinct from the others, growing larger and stronger. Is well adapted for pasture or hay, making an early spring growth, and is also valuable sown as a catch crop where clover has died or winter killed.

| | 1 lb. | 10 lbs. | 50 lbs. | 100 lbs. |
|---------------------|--------|---------|---------|----------|
| Lewis-Clark Quality | \$0.20 | \$2.00 | \$8.00 | \$15.00 |

Slender Wheat or Bunch Grass

The only native American grass that has become a cultivated crop. An erect Bunch Grass, especially adapted to the Northwest. Very hardy, and resistant to both droughth and cold. An excellent hay grass, yielding 1½ to 2 tons per acre. Sometimes a second cutting is obtained. Sow about 20 lbs per acre.

| | 1 lb. | 10 lbs. | 50 lbs. | 100 lbs. |
|-------|--------|---------|---------|----------|
| Fancy | \$0.20 | \$2.00 | \$9.00 | \$17.00 |

Tall Meadow Oat Grass

The earliest grass of all for either pasture or hay. Is especially adapted to our western country, being a quick grower, often reaching a height of 3 to 4 feet in June. Has a deep rooting system, which enables it to withstand a long droughth, remaining green all seasons of the year. Cut during the blooming period for hay. Grows quickly after mowing, and will furnish a second and sometimes a third cutting. Sow 25 or 30 pounds per acre.

| | 1 lb. | 10 lbs. | 50 lbs. | 100 lbs. |
|---------------------|--------|---------|---------|----------|
| Lewis-Clark Quality | \$0.35 | \$3.25 | \$15.50 | \$30.00 |

We Recommend the Lewis-Clark Quality Seed as the Best Obtainable

Meadow Fescue or English Blue Grass

Especially fine for permanent pasture; also good for hay. Grows 2 to 3 ft. high, but not in bunches like Orchard Grass. Succeeds on poor soil and withstands extremely dry weather.

1 lb. 10 lbs. 50 lbs. 100 lbs.
Lewis-Clark Quality \$0.20 \$2.00 \$8.00 \$15.00

Mixed Alsike Clover and Timothy

In cleaning the large amount of Timothy and Clover seed we handle, there is always a certain amount of mixed Alsike and Timothy taken out that cannot be separated. The mixture is the largest and plumpest seed of the lot and contains about 25% Alsike and 75% Timothy. Anyone who is going to plant Alsike and Timothy together can save money by buying this seed Per 100 lbs. \$10.

Bromus Inermis or Brome Grass

A wonderful drought-resisting grass for the stock raiser. Stands at the head of all grasses as the most valuable for localities where conditions demand a drought-resisting plant.

A vigorous, hardy perennial, with strong, creeping root stalks; smooth, upright, leafy stems, 1 to 4 ft. high. In a few years it forms a tough sod, soon crowding out other grasses and weeds. It forms a permanent pasture, which starts very early in the spring and remains green until late in the fall. Without a doubt this is one of the best grasses to plant for a permanent pasture.

Seeding is done either in the spring or fall at the rate of 15 to 20 lbs. to the acre. Our seed is northern grown, hardy and thoroughly cleaned.

1 lb. 10 lbs. 50 lbs. 100 lbs.
Lewis-Clark Quality \$0.20 \$1.90 \$9.50 \$17.50

Sudan Grass

Sudan Grass is a tall, leafy, annual grass, producing a large tonnage of feed. As it originated in a hot, dry climate, it is naturally adapted to the dry conditions of our section. It does well on all soils except those that are wet and poorly drained.

Sudan is an annual, and as it matures quickly it is especially valuable as a catch crop. It produces a large tonnage of hay similar in quality to Millet or Timothy. When seeded for hay should be planted at the rate of 15 to 20 pounds to the acre with a grain drill. Should not be seeded until after all danger of frost is past.



Sudan Grass

Lewis-Clark Quality 1 lb. 15c; 10 lbs. \$1.25; 50 lbs. \$6.00; 100 lbs. \$10.00

Orchard Grass

Orchard Grass is equally good for pasture or hay. When mixed with Alfalfa makes high quality feed, especially fine for livestock. Extra good in



pasture mixtures on account of its earliness and its ability to withstand drought and close pasturing.

1 lb. 10 lbs. 25 lbs. 50 lbs. 100 lbs.
Lewis-Clark \$0.18 \$1.70 \$4.10 \$7.75 \$15.00
Fancy16 1.50 3.60 7.00 13.50

Red Top

A valuable grass for moist or even marshy lands and also on soils that are not rich enough for Timothy and other grasses and clovers. When mixed with Alsike at the rate of 6 pounds of Red Top and 4 pounds of Alsike to the acre, it makes a fine crop of hay or a good pasture. To make the best quality of hay it should be cut in full bloom.

1 lb. 10 lbs. 50 lbs. 100 lbs.
Lewis-Clark Quality \$0.20 \$2.00 \$9.00 \$18.00

Permanent Pasture or Meadow Mixture

Nothing produces a better meadow than a mixture of grasses specially selected for the purpose. These selections have been made after several years of thought and experience, and meadows sown with this grass-clover mixture will occupy the ground more closely, and will produce a better quality and larger yield of hay and subsequent fall pasturage, and will last ten or even twenty years. Some of the grasses used in this mixture mature early, others medium late, and one or the other will be at its best from early spring until snow covers the ground. Sow from 15 to 20 lbs. per acre.

10 lbs. 50 lbs. 100 lbs.
Prices \$1.00 \$4.50 \$7.50

See Inside of Back Cover For Lawn Grasses and Clovers



ALFALFA

The most valuable of all legume crops

Alfalfa has done more to increase the value of farm lands than any other crop raised. It will thrive on any soil except a wet one, and not only produces a valuable hay crop of several tons to the acre but also enriches the soil on which it is grown.

It is of the utmost importance that the seed bed be carefully prepared. The ground should be finely pulverised but firm. As alfalfa is an expensive crop to sow, and since a good stand will last for a number of years, it is very important that none but the best seed be used. Cheap seed of inferior quality may result in a poor stand or be the cause of the farm becoming infested with noxious weeds.

Our seed is secured in the large producing districts by men who carefully select only the best lots for our particular trade. When you order your seed from us you may rest assured that you are getting stock of the highest quality. Plant a field of our Lewis-Clark Quality, Tall Growing Alfalfa.

| | | | | | | | |
|-------------|-------------------|---------|---------|--------|-------------------|--------|---------|
| | Less than 50 lbs. | 50 lbs | 100 lbs | | Less than 50 lbs. | 50 lbs | 100 lbs |
| Lewis-Clark | 22c per lb. | \$10.50 | \$20.00 | Choice | 20c per lb. | 9.50 | 18.00 |
| Fancy | 21c per lb. | 10.00 | 19.00 | | | | |

Grimm Alfalfa

Where winter killing of alfalfa is experienced, we recommend Grimm's. This variety has a low, spreading crown which withstands the destructive freezing and thawing that raises the crowns of the other varieties.



| | | | |
|-----------|-------------------|---------|---------|
| | Less than 50 lbs. | 50 lbs | 100 lbs |
| Blue Tag | 30c per lb. | \$14.50 | \$28.00 |
| Affidavit | 27c per lb. | 13.00 | 25.00 |

Medium Red Clover

Medium Red Clover is conceded to be the most important of the clovers. It is a valuable crop for either hay or pasture, and at the same time builds up the soil. It has been proven that it is a success on the uplands of this district, and is one of the most profitable crops raised. A large, profitable hay crop can be raised, or the field can be clipped early and the second crop saved for seed.

Great care should be used in selecting the seed that no harmful weeds are introduced onto the farm. We use every precaution possible in selecting our seed and spare neither time nor expense in recleaning it on the most up-to-date cleaning machinery possible to buy.

| | | | |
|-------------|-------------------|--------|---------|
| | Less than 50 lbs. | 50 lbs | 100 lbs |
| Lewis-Clark | 17c per lb. | \$8.00 | \$15.00 |
| Fancy | 16c per lb. | 7.50 | 14.00 |
| Choice | 15c per lb. | 7.00 | 13.00 |

Alsike Clover

This is the best clover to plant in high altitudes or cold, wet lands. When mixed with Red Top or Timothy, makes an excellent hay. We have a stock of extra select lots on which we can quote very attractive prices.

| | | | |
|-------------|-------------------|--------|---------|
| | Less than 50 lbs. | 50 lbs | 100 lbs |
| Lewis-Clark | 17c per lb. | \$8.00 | \$15.00 |
| Fancy | 16c per lb. | 7.50 | 14.00 |
| Choice | 15c per lb. | 7.00 | 13.00 |



Cheap Seed Means a Poor Stand—Sow the Best—Lewis-Clark Quality

Mammoth Red Clover

Grows very large. Is used quite extensively for plowing under.

| | Less than 50 lbs. | 50 lbs | 100 lbs |
|-------------------|-------------------|--------|---------|
| Lewis-Clark | 18c per lb. | \$8.50 | \$16.00 |
| Fancy | 17c per lb. | 8.00 | 15.00 |

Ladino Clover

Ladino is a tall-growing variety of white clover which has proven its great worth as a pasture clover. Here in Idaho it has yielded twice as much pasture as Blue Grass and grows tall enough to cut for hay. The clover that the dairyman has been looking for.

State Certified. Price: lb. 80c postpaid.

White Clover, Small Dutch

White Clover is especially valuable when mixed with Kentucky Blue Grass for either lawns or pastures.

| | 1 lb. | 10 lbs. |
|---------------------------|--------|---------|
| Fancy | \$0.55 | \$5.25 |
| Lewis-Clark Quality | .60 | 5.75 |

Mixed Alsike and Red Clover

We have a limited supply of mixed Alsike and Red Clover seed. This is Fancy, re-cleaned seed and at the price we are offering this it is an extra good buy for dairymen for hay.

Prices: 1 lb. 15c; 25 lbs. \$3.75; 50 lbs. \$7; 100 lbs. \$12.

Clovers Add Nitrogen to the Soil

But only when nodules containing bacteria are on the roots. These bacteria take the free nitrogen of the air and put it into such form as to make it available for plant use.

If these bacteria are not present, clovers can do but little toward enriching the soil. To make sure that your clover has plenty of bacteria inoculate the seed when sowing. (See page 29)



Sweet Clover, White Blossom



Sweet Clover is rapidly coming into more popular use as its good qualities are becoming better known. The features that make Sweet Clover so valuable are its ability to thrive and produce good hay or a good pasture on poor soil, at the same time improve the soil on which it is growing.

It is being used more and more through this section of the country for pastures, and the use will be more general when its ability to withstand drought and to produce good green feed through the hot summer months is better known.

Almost every farm has a piece of land that is hard to farm, or the soil is too poor to raise a grain crop, that if seeded to Sweet Clover would produce a large amount of valuable feed, and at the same time build up the soil.

White Blossom Sweet Clover is the popular and standard variety. It is a biennial, growing from 4 to 6 feet tall.

| | Less than 50 lbs. | 50 lbs | 100 lbs |
|-------------------|-------------------|--------|---------|
| Lewis-Clark | 11c per lb. | \$5.00 | \$9.50 |
| Fancy | 10c per lb. | 4.50 | 8.50 |

Yellow Blossom Sweet Clover

This variety of Sweet Clover is about two weeks earlier than the White Blossom and does not grow as tall or coarse.

| | Less than 50 lbs. | 50 lbs | 100 lbs |
|-------------------|-------------------|--------|---------|
| Lewis-Clark | 11c per lb. | \$5.00 | \$9.50 |
| Fancy | 10c per lb. | 4.50 | 8.50 |

Gypsum or Land Plaster

In almost every section of the Northwest you can increase your yield of Alfalfa and Clovers from 25 to 75 per cent by applying Gypsum at the rate of 100 pounds to the acre each year.

See Page 29 for Price

Spring Vetch

Spring Vetch is used for the same purpose as Hairy Vetch, but must be planted in the spring.

Lewis-Clark Quality—1 lb. 10c;
10 lbs. \$1.00; 50 lbs. \$4.75;
100 lbs. \$8.50.

Winter or Hairy Vetch

This is a hardy, valuable crop for either forage or fertilizer. Thrives on nearly all soils and grows 4 to 5 feet long. Being a legume, it is a great soil-builder. Can be sown either in the spring or fall. When it is to be cut for hay, it is best to sow some grain with it to act as a support. It can be cut twice, or used as pasture after the first crop has been taken off. Although an annual, it resows itself and will come up on the same ground for several years.

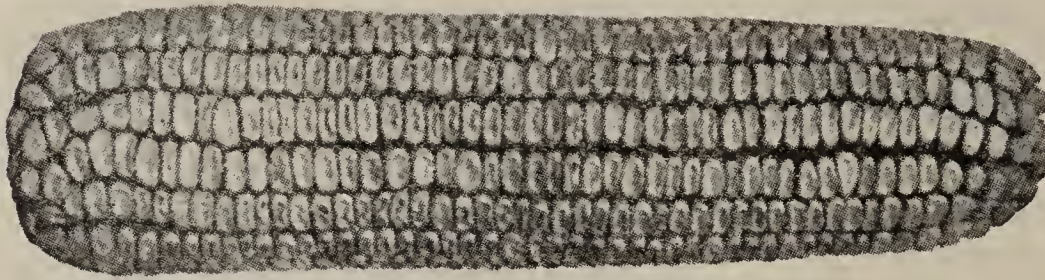
Lewis-Clark Quality—1 lb. 15c; 10 lbs. \$1.50; 50 lbs. \$7.00; 100 lbs. \$12.00

Sorghums

Sorghums are used both for fodder and pasture. As a fodder crop they yield a large quantity of high quality feed. As a pasture for sheep or hogs it is unequaled; when grazed down it will quickly start up again, thus affording a large amount of pasture during the summer months. Our seed is Northern Grown, selected stock.

| Lewis-Clark Quality | 1 lb. | 10 lbs. | 100 lbs. |
|-------------------------|--------|---------|----------|
| Orange Sugar Cane | \$0.10 | \$1.00 | \$ 8.00 |
| Amber Sugar Cane | 0.10 | 1.00 | 8.00 |
| White Kaffir Corn | 0.10 | 1.00 | 8.00 |
| Feterita | 0.10 | 1.00 | 8.00 |
| Broom Corn | .15 | 1.25 | 10.00 |





FIELD CORN

North Idaho Grown

Our corn is carefully selected and graded, and is thoroughly acclimated for seed planting.

| Lewis-Clark Quality | 1 lb. | 10 lbs. | 50 lbs. | 100 lbs. |
|---------------------|--------|---------|---------|----------|
| Idaho Yellow Dent | \$0.10 | \$0.70 | \$3.00 | \$5.00 |
| Idaho White Dent | .10 | .70 | 3.00 | 5.00 |
| Rustler White Dent | .10 | .70 | 3.00 | 5.00 |

| Lewis-Clark Quality | 1 lb. | 10 lbs. | 50 lbs. | 100 lbs. |
|------------------------|-------|---------|---------|----------|
| Special Idaho Ensilage | .10 | .70 | 3.00 | 5.00 |
| Popcorn, White Rice | .10 | .70 | 3.00 | 5.00 |
| Pop Corn, Jap Hulless | .10 | .75 | 3.25 | 5.50 |

Millet

Millet is especially adapted to a section with a small amount of rainfall and hot weather. Produces an abundance of fine hay that ranks in food value with Timothy. Should be sown about the same time corn is planted.

| Lewis-Clark Quality | 1 lb. | 10 lbs. | 50 lbs. | 100 lbs. |
|---------------------|--------|---------|---------|----------|
| Golden Millet | \$0.10 | \$0.85 | \$4.00 | \$7.50 |
| Siberian Millet | .10 | .85 | 4.00 | 7.50 |
| Hungarian Millet | .10 | .85 | 4.00 | 7.50 |
| Hog Millet | .10 | .85 | 4.00 | 7.50 |
| Broom Corn Millet | .10 | .85 | 4.00 | 7.50 |



Field Peas

Peas are a very profitable crop, and will also build up the land by returning the much needed nitrogen to the soil. The clovers alone rank higher than peas in their enriching properties. The vines can be used for hay, or the peas threshed and used for feed. Next to corn, peas have a higher feeding value than any other grain. Sow 100 to 120 pounds per acre. All our peas are Northern grown, selected stock.

| | 100 lbs. | Less than 100 lbs. |
|-------------------------|----------|--------------------|
| Alaska | \$3.50 | 4c lb. |
| Blue Bell | 3.50 | 4c lb. |
| First and Best (Yellow) | 4.00 | 5c lb. |
| Mixed | 3.00 | 3½c lb. |

Field Beans

| | 100 lbs. | Less than 100 lbs. |
|-------------------|----------|--------------------|
| Idaho Small White | 3.00 | 3½c lb. |
| Idaho Small Red | 3.00 | 3½c lb. |
| Red Kidney | 3.00 | 3½c lb. |

Seed Grain

BEARDLESS SPRING RYE. Spring Rye is a very important and profitable crop. It is used for replacing winter grain that has failed, or planted as a grain crop. Beardless Spring Rye is very hardy, yields heavily, and is preferred for stock feeding, as the usual beards (about 1 inch long) mostly break off in handling.

100 lbs. \$1.75; Less than 100 lbs. 2c per lb.

ROSEN RYE. A fall and winter rye introduced from Russia. The grain is much larger than the common variety and the yield almost double. Also used extensively for spring planting for pasture. Write for prices.

HULLESS or BALD BARLEY. A rapid-growing variety of barley which is grown successfully in our Western country, and is one of the best crops for green feed. Can be used for hay, but must be harvested in the milk stage. Will make excellent grain if allowed to mature, and when ground is very good feed for stock. Will make a large crop of grain in dry seasons when others fail. It has no beards and threshes out the same as wheat. Recleaned, selected stock. Write for prices.

BEARDLESS BARLEY. Is as easily grown and handled as either oats or wheat, and is a very desirable crop on account of its earliness and adaptability to almost any kind of soil. Beardless Barley is a splendid feed for all farm stock, and cattle, sheep, horses and hogs will thrive and fatten on it. Is one of the best grains for hay, especially for horses, and is used extensively by the stock men in this district. There is a short crop this season and suggest you order early. Recleaned, selected stock. Write for prices.

Wool and Mohair

We are buyers of Wool and Mohair—from one fleece to a carload. Send us a representative sample of your clip, stating the amount you have and the kind of sheep. We will quote you prices as soon as we have examined the sample.

WOOL SAX, 50c each. FLEECE TWINE, 35c per pound

Wheat

Recleaned, Selected Stock

Lewis-Clark Quality—Marquis, Certified Jenkins Club, Blue Stem, Early Baart. Write for prices.

Oats

Recleaned, Selected Stock

Our oats are grown in the northern part of the state on new land, which has been especially prepared for the purpose. The seed is carefully selected and recleaned, being free from wild oats.

Lewis-Clark Quality—"Markton" Write for prices.

Sunflowers for Silage

In the last few years Sunflowers have been grown extensively for ensilage. The yield varies from 10 tons on dry land to 40 tons on rich bottom land under irrigation. In feeding value it ranks close to corn ensilage. The variety giving best results in this district is the Mammoth Russian.

100 lbs. \$8.00; Less than 100 lbs. 10c per lb.

Dwarf Essex Rape

One of the best forage plants. Produces a large amount of valuable pasture which is ready for use six or eight weeks after planting. Recommended highly for sheep and hogs.

1 lb. 10c; 10 lbs. 85c.

Soy Beans

Soy Beans can be grown in any section where corn can be raised. The Extension Department of the University of Idaho have been running a large number of field tests for the last two years, using all the popular varieties. From these tests they have selected the following varieties. Minsoy (Early), Ito San (Medium), Manchu (Late).

High altitudes, for hay and pasture, Minsoy variety.

For 1500 feet to 2000 feet altitude, for hay and pasture, all three varieties.

For seed production, Minsoy and Ito San.

Under 1500 feet, all three varieties.

Seed bed should be well prepared and soil warm before planting. Do not plant over 2 inches deep.

Inoculation is necessary; it promotes growth and hastens maturity.

Cease cultivation when blooms appear.

Amount of seed required per acre for seed purposes: Rows 3 feet apart, hills 20 inches apart—Minsoy 5 lbs.; Ito San, 5 lbs.; Manchu, 8 lbs.

For hay and pasture: Stop every other hole in grain drill, seeding about one seed per square foot, which will require approximately—Minsoy, 12 lbs.; Ito San, 14 lbs.; Manchu, 19 lbs.

| 1 lb. | 10 lbs. | 50 lbs. | 100 lbs. |
|-------|---------|---------|----------|
| 10c | 75c | \$3.50 | \$6.00 |

Western Flax Seed

There should be more flax sown, as it is one of the most dependable crops in the West. Matures very quickly, and can be planted as late as the middle of June, and therefore is desirable as a catch crop. Can also be used as a nurse crop. Flax takes less moisture and fertility from the soil than other grains, and under favorable conditions will yield 15 to 20 bushels per acre.

100 lbs. \$4.00; Less than 100 lbs. 5c per lb.



NEW CROP GARDEN SEEDS



Asparagus

One of the early spring vegetables which can be produced very easily and cheaply and which is a profitable market crop. A bed 15x50 feet, requiring about one hundred plants, should give a sufficient supply to the average family. One ounce of seed will produce eight hundred or more plants. Sow in drills and thin to three inches in a row. At the end of the first year transplant into permanent beds, carefully prepared, and cultivate to a depth of 24 inches; manure deeply, using old manure and bone meal. A bed five feet wide will carry three rows. The plants should be spaced 18 inches apart in a row.

Martha Washington An early maturing variety, rust resistant and a large producer. Price: Pkt. 10c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.25; lb. \$2.00.

Palmetto Extra early and uniform large stalks. Very popular with shippers. The shoots are a light green, slightly tinted with pink. Price: Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.—For Roots See Page 19.

Table Beets

Sow seed as early in the spring as ground can be worked. Can be sown in rows 15 to 18 in. apart, and about 1½ in. deep. It is advisable to soak seed in water for 24 hours before planting. 1 oz. to 50 ft. drill; 5 to 6 lbs. per acre.

Extra Early Egyptian Fine for forcing an early crop; about ten days earlier than the Early Blood. Makes fine, smooth. 42 Days almost flat, very dark red beets; firm, crisp and tender. Price: Pkt. 5c; oz. 10c; ¼ lb. 30c; ½ lb. 50c; lb. 80c.

Early Blood Turnip Extra early, and somewhat turnip-shaped, smooth roots. The flesh is a fine deep blood red. The foliage is small. Popular for market and the home garden. Price: Pkt. 5c; oz. 10c; ¼ lb. 30c; ½ lb. 50c; lb. 80c. 50 Days

Detroit Dark Red A fine beet for bunching for the market; tops exceptionally small and uniformly upright. The roots are perfect turnip-shape with small tap roots. One of the deepest red beets. Quality is of the finest; sweet and tender. 55 Days



Early Blood Turnip

One of the best beets for home gardens. Price: Pkt. 5c; oz. 10c; ¼ lb. 30c; ½ lb. 50c; lb. 80c.

Crimson Globe Fine form, with smooth skin. The tender flesh is deep purplish crimson, slightly zoned; foliage small, of a rich bronze-purple. Price: Pkt. 5c; oz. 10c; ¼ lb. 30c; ½ lb. 50c; lb. 80c.

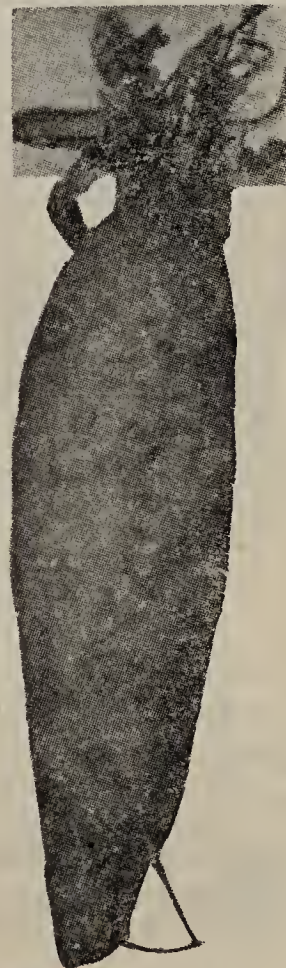
SWISS CHARD

Grown for its large, tender, succulent leaves, which make the most delicious greens, or the thick, fleshy stalks, which are cooked and served like asparagus. The seed is planted in the spring the same as beets, and tops are cut off as wanted during the summer, fall and following spring. Price: Pkt. 5c; oz. 10c; ¼ lb. 30c; ½ lb. 50c; lb. 80c.

Stock Beets

Stock beets and mangels are high in food value and should be grown by everyone having livestock. They also make excellent feed for chickens. It is not unusual to produce 15 to 25 tons to the acre. Plant sufficient so that the milch cows can get their share, and you will increase the flow considerably.

Mammoth Long Red The best long red mangel; is very productive, often yielding 50 tons to the acre. It grows well above ground and is easily harvested. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 30c; 1 lb. 50c; 10 lbs. \$4.50.



Mammoth Long Red

STOCK BEETS—Continued

Giant Half Sugar One of the most valuable for feeding stock. It unites the large size of the mangel with the great feeding value of the sugar beet. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 30c; lb. 50c; 10 lbs. \$4.50.

Golden Tankard Dairy farmers state they are able to obtain higher prices for milk when feeding cows on "Golden Tankard." Sheep thrive on it. "Golden Tankard" is rich, deep yellow throughout. Early, hardy and a heavy cropper. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 30c; lb. 50c; 10 lbs. \$4.50.

Danish Sludstrup Long, reddish-yellow, grows well above ground and is easy to pull. Has repeatedly been awarded a first-class certificate by the Danish Government. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 30c; lb. 50c; 10 lbs. \$4.50.

Dwarf or Bush Beans

Young bean plants are easily damaged or killed by freezing. Do not plant seed until danger of frost is past. One pound of seed is sufficient for 100 foot row, planted about 2 feet apart, 5 or 6 inches apart in the rows.

WAX PODDED VARIETIES

Imp. Golden Wax Very popular with both the home garden and for market. The pods are of medium length, broad, flat, golden yellow, very fleshy, wax-like and stringless. The plants are erect, compact, and produce early and abundantly. The seeds are medium size, oval, white mottled with red. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 20c; 5 lb. 90c.

Prolific Black Wax An improved strain of black wax and is an exceptionally productive dwarf, wax-podded variety; hardy, reliable and of the best quality. The pods are of medium size, curved, cylindrical, fleshy, and of light golden color. The seeds are oblong and jet black. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 20c; 5 lbs. 90c.

Brittle Wax Considered by many the best Wax Bush Bean. The bushes are hardy, prolific and early, bearing a tremendous crop of attractive beans. The pods are so fleshy that they are round in cross section and are about 7 inches long and stringless. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 20c; 5 lbs. 90c.

GREEN POD BUSH VARIETIES

Burpee's Stringless A very early, hardy, green podded bean of excellent quality. The pods are round, straight, about 5 inches long, very meaty and entirely stringless. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 20c; 5 lbs. 75c.

Giant Stringless Pods of this variety are a little longer, straighter and more slender than Burpee Stringless and are very prolific. While it is a favorite variety for canning, it is highly recommended for market gardeners. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 20c; 5 lbs. 90c.

Burpee's Bush Lima The most generally grown bush lima bean, growing about 20 inches high and bearing exceptionally large pods and beans of fine quality. Medium early. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 20c; lb. 35c; 5 lbs. \$1.50.

Beans are best when they are picked fresh

GREEN POD POLE

Kentucky Wonder A vigorous climber; very prolific, bearing in clusters extremely long and very fleshy succulent pods; flat, thick and remarkably tender. A first-class pole variety. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 20c; 5 lbs. 90c.

Oregon Giant The giant pods are 10 to 12 inches long, stringless, tender, crisp and delicious. A heavy yielder desirable for both the home garden and the market gardener. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; 1 lb. 20c; 5 lbs. 90c.



Burpee's Stringless

Stock Carrots

Stock carrots are one of the most valuable stock foods and very heavy yielders. Recommended for horses and colts, as well as for cattle and chickens.

Large Yellow Belgian A good keeper and a large yielder. Makes long roots, yellow flesh and yellow skin except about one-third which grows above ground. Easily pulled and makes excellent stock food. Price: Pkg. 5c; oz. 10c; ¼ lb. 25c; ½ lb. 40c; lb. 75c; 5 lbs. \$3.50.

Large White Belgian Extensively grown for stock feeding, very productive. Grows so much above the ground that the crop can be pulled by hand. Price: Pkg. 5c; oz. 10c; ¼ lb. 25c; ½ lb. 40c; lb. 75c; 5 lbs. \$3.50.

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Mix Pleasure with Economy—Plant a Garden

Carrots

CULTURE. Carrots will do well in any good, well prepared soil. May be sown as early as the ground can be worked. Sow in rows 15 inches apart, and when about 3 inches high, thin to about 2 inches in the row. Use 1 oz. to 100 ft. drill; 3 lbs. per acre.

Oxheart

55 Days

A thick carrot, five or six inches long and very blunt at the lower extremity. It grows very rapidly and the root attains a weight of more than a pound. It is tender and of good flavor. Price: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

Half Long Chantenay

60 Days

One of the best carrots for all purposes. Medium early, about 6 inches long, blunt ended, smooth, fine grained, sweet and sugary. An excellent table carrot and a heavy yielder. There is no better for the home garden. Price: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

Danver's Half Long

65 Days

Grown largely on account of its productiveness and adaptability to all classes of soil. Tops, medium size, coarsely divided. The smooth, handsome roots are of medium length, tapering uniformly to a blunt point; flesh sweet, crisp, tender; deep orange in color. Although the roots of this variety are short, they produce as large as the longer field sorts, and are more easily harvested. Price: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

Nantes or Coreless

55 Days

The roots are cylindrical, smooth and of a bright orange color. The flesh is orange, becoming yellow in the center, but very tender throughout and almost coreless. This variety is of the finest quality and is one of the most symmetrical and handsome of the medium-sized sorts. Half grown and cooked fresh from the garden they are certainly delicious. Price: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.



Chantenay



Oxheart

Cauliflower

CAULIFLOWER will succeed on soil that will produce cabbage, but best results will be obtained on rich loam with an abundance of water. Sow early varieties in hot beds in February or March. Later varieties sow in a well prepared bed in May. When large enough transplant in rows 2½ feet apart and 18 inches apart in the rows.

"Mt. Hood" Snowball

Without doubt the best strain of "Early Snowball" for the gardener to use. Earlier and produces large, solid, white heads. Recommended for either early or late planting. Price: Pkt. 25c; ¼ oz. 75c; oz. \$2.50; ¼ lb. \$8.00.

Early Snowball

This is the common strain of Imported "Early Snowball" and while it will not give as good results as the "Mt. Hood" it will produce a good crop. Price: Pkt. 10c; ¼ oz. 65c; oz. \$2.25; ¼ lb. \$6.50.

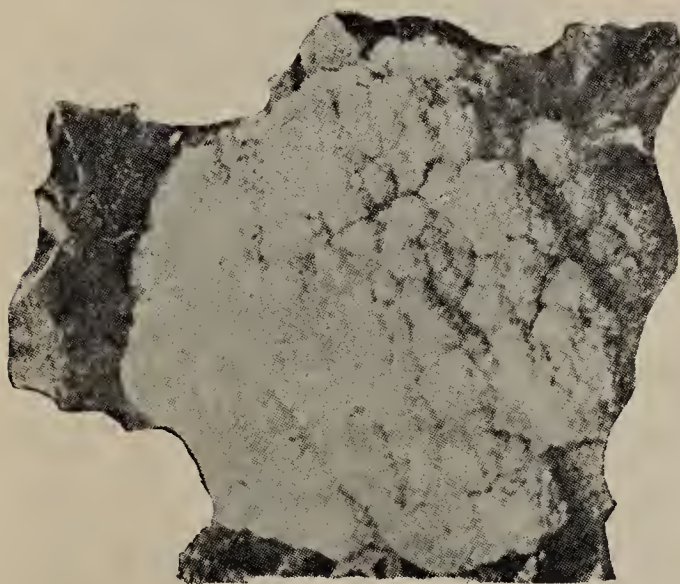
Danish—Dry Weather

Produces large, solid, pure white heads. Is especially adapted for growing in dry locations where other varieties would fail. Pkt. 10c; oz. \$2.00.

Autumn Giant

Produces large, compact, white heads, well protected by foliage. Pkt. 10c; oz. 75c.

For Plants See Page 19.



Early Snowball



Golden Self Blanching

Celery

CELERY CULTURE. Sow the seed early, February or March, in hot beds or cold frames; when three to four inches high, transplant to rows four feet apart and six inches apart in the row. The rows should be furrowed out so that plants may be set six inches deep. A few weeks before harvesting, the soil can be banked against the rows for blanching. One ounce of seed will produce about 5,000 plants. Keep the plants growing—cultivate after watering.

Golden Self Blanching

This is considered the best celery for the early, spring market. Very stocky, hardy, solid, a good shipper. Yellowish green color when young, but as the plants mature the inner stems and leaves turn a golden yellow; easily blanched. Postpaid, pkt. 10c; oz. 50c.

White Plume

One of the most popular for early fall and winter use. Very easily grown and blanched. The earliest celery. Postpaid, pkt. 10c; oz. 50c.

CELERIAC—Turnip Rooted Celery

The large root is the edible portion, and is highly valued for flavoring soups or boiling with stews and other dishes. As seed takes three to four weeks to germinate, keep the sowing moist until the young seedlings appear, and when large enough to handle, transplant seedlings to stand 8 to 10 inches apart each way. Price: Pkg. 10c; oz. 35c; ¼ lb. \$1.00.

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Mix Pleasure with Economy—Plant a Garden



Danish Ball Head

Cabbage

One ounce for 2000 plants; $\frac{1}{2}$ lb. of seed per acre.

CABBAGE CULTURE. For early plants sow seed in January or February under glass, hardened off gradually by exposing to outside air, and as early as the ground is in good condition transplant to rows 3 feet apart and 18 inches apart in row. For late plants the seed may be sown in the field.

Early Flat Dutch

100 Days

which they resemble in appearance. Price: Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 60c; $\frac{1}{2}$ lb. \$1.10; lb. \$2.00.

Early Winningstadt

85 Days

$\frac{1}{4}$ lb. 60c; $\frac{1}{2}$ lb. \$1.10; lb. \$2.00.

Danish Ballhead

140 Days

gether that no space is left for water or air to start decay and the firm heads are famed for their superior excellence and keeping qualities. Matures late; when cut shows a fine, hard, snowy white, solid head. The best in its class. Price: Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 60c; $\frac{1}{2}$ lb. \$1.10; lb. \$2.00.

A valuable second early variety, producing very large, compact, flattened heads of good quality; sometimes nearly as large as Late Flat Dutch,

One of the best medium early pointed cabbages. Heads of good size, very hard and excellent quality. Price: Pkg. 5c; oz. 15c;

Select Short-Stem. Our strain of short-stem Ballhead is imported direct from Denmark. The fine ribbed leaves are so densely packed together that no space is left for water or air to start decay and the firm heads are famed for their superior excellence and keeping qualities. Matures late; when cut shows a fine, hard, snowy white, solid head. The best in its class. Price: Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 60c; $\frac{1}{2}$ lb. \$1.10; lb. \$2.00.

Cabbage Plants

Hardy out-door grown plants, standard varieties. See Page 19.

Premium Late Dutch

150 Days

Flat Dutch", one of the largest of the late varieties and is a sure header. Price: Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 60c; $\frac{1}{2}$ lb. \$1.10; lb. \$2.00.

Golden Acre

80 Days

A new variety, seven days ahead of the Jersey Wakefield. Heads are round, firm, and of exceptionally fine texture, heavy mid-ribs being entirely absent. Average weight is about 4 pounds to the head and have only a few outer leaves. Price: Pkg. 5c; oz. 25c; $\frac{1}{4}$ lb. \$1.25; $\frac{1}{2}$ lb. \$2.00; lb. \$3.50.

Large Red Drumhead or Red Dutch

130 Days

ard. Heads of large size, slightly rounded, 7 to 8 inches in diameter. Price: Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 60c; $\frac{1}{2}$ lb. \$1.10; lb. \$2.

Chinese or Celery Cabbage—Pe Tsai

A new vegetable. The plants develop quickly, forming large, tightly folded heads, well blanched in the heart. Chinese Cabbage can be served as a salad or cole slaw; when boiled is more tender and palatable than ordinary cabbage. Price: Pkg. 10c; oz. 25c; $\frac{1}{4}$ lb. \$1.00.



Early Jersey Wakefield

Early Jersey Wakefield

80 Days

our market gardeners. A sure header. The thick, stout leaves and compact habit make it the best for wintering over and very early setting. Grown more extensively for market than any other early cabbage. Is always of good size, very solid, with few leaves. A reliable header and always gives good satisfaction. Price: Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 60c; $\frac{1}{2}$ lb. \$1.10; lb. \$2.00.

The favorite early cabbage with

Cucumbers

CULTURE. Cucumbers need a warm, rich soil and should not be planted in the open ground until danger of frost is over. Plant in hills 4 feet apart each way, thinning to 3 or 4 of the strongest plants. One ounce will plant 50 hills; 2 pounds to the acre.



Long Green

Long Green

65 Days

The fruits are long, firm and crisp, excellent for slicing, or when small they are good for pickling. The vines are very sturdy and very productive. The fruits are uniform in size and shape, slender, often a foot long, and very dark green. The best variety for sweet pickles. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 75c; lb. \$1.25.

Lemon

As its name indicates, the shape and color resemble a lemon. It is used for pickling and in salads and is entirely distinct from the plant known as Garden Lemon. Reaches edible size in less than 60 days. Price: Pkg. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.00.

West India Gherkin

60 Days

grown for pickles only and must be used when young. Price: Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

The "Davis Perfect"

65 Days

The "Davis Perfect" is of perfect form, large size and of finest color; is crisp, delicious, and almost seedless. This fine variety comes from the originator of the Davis Wax Bean is one of the most valuable varieties for home or market. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 75c; lb. \$1.25.

Early White Spine

60 Days

One of the most popular early cucumbers. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 75c; lb. \$1.25.

Boston Pickling

55 Days

A very productive variety; extensively grown for pickles. The fruits are bright green, of medium size, smooth and symmetrical. The flesh is crisp and tender. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 75c; lb. 1.25.

Japanese Climbing

A useful variety for growing on trellis or wire. The cucumbers are long, of a dark color, white flesh, crisp and of good flavor. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 75c; lb. \$1.25.

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Put up Your Own Cucumber Pickles

Sweet Corn

CULTURE. Do not plant until all danger of frost is past. Plant in hills 18 inches apart, rows 3 feet apart. All suckers should be removed. Have Green Corn throughout the season by planting a variety. Plant in the following order: Early Portland Market, Golden Bantam, Stowell's Evergreen.

Portland Market

60 Days

market. The stalks grow strong and vigorous, but rather dwarf. Price: $\frac{1}{4}$ lb. 10c; $\frac{1}{2}$ lb. 15c; lb. 25c; 5 lbs. \$1.00.

Golden Bantam

70 Days

about 6 inches long and at least two ears borne on each stalk. Can be planted earlier than other sugar corn. Price: $\frac{1}{4}$ lb. 10c; $\frac{1}{2}$ lb. 15c; lb. 25c; 5 lbs. \$1.00.

Early Minnesota

75 Days

This old and deservedly popular variety is one of the best early sorts for the market and private garden. Price: $\frac{1}{4}$ lb. 10c; $\frac{1}{2}$ lb. 15c; lb. 25c; 5 lbs. \$1.00.

Country Gentleman

95 Days

the cob small, making much more to the ear than any other variety. Price: $\frac{1}{4}$ lb. 10c; $\frac{1}{2}$ lb. 15c; lb. 25c; 5 lbs. \$1.00.

Stowell's Evergreen

90 Days

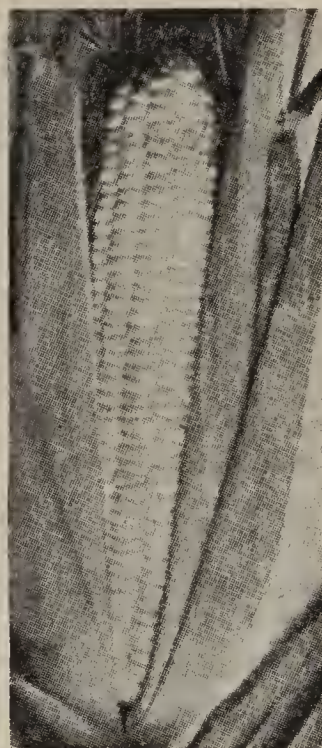
$\frac{1}{4}$ lb. 10c; $\frac{1}{2}$ lb. 15c; lb. 25c; 5 lbs. \$1.00.

Golden Giant

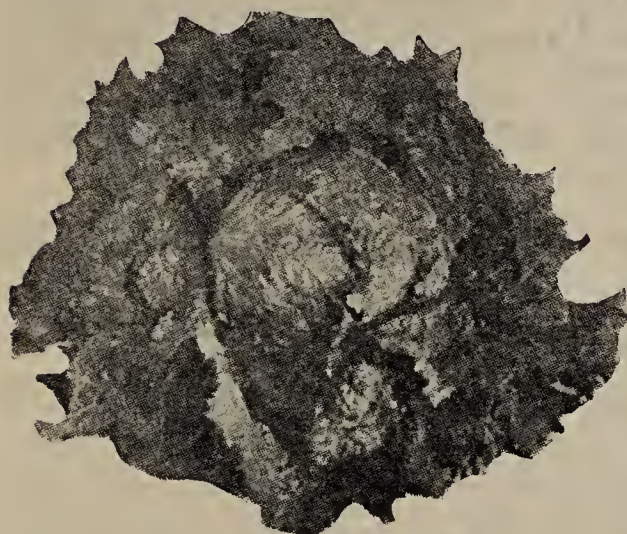
80 Days

A cross of Golden Bantam and Howling Mob. This is the largest of the yellow varieties, the ears measuring up to 8 inches long. The cob is small and contains from 12 to 18 rows of long, thick grains. Corn sweet and of very fine flavor and is becoming very popular. Price: $\frac{1}{4}$ lb. 10c; $\frac{1}{2}$ lb. 15c; lb. 25c; 5 lbs. \$1.00.

TREAT YOUR CORN WITH SEMESAN JR.



Golden Bantam



New York or Wonderful

Lettuce

CULTURE. One of the most popular vegetables grown. The quickest growing types are the loose leaf varieties. We suggest for the home a few rows of both the leaf and heading types. Two ounces will plant 150 feet of row; 3 pounds to the acre.

Early Curled Simpson

60 Days

are light green in color, slightly frilled and much blistered, are crisp, tender and sweet. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; lb. \$1.00.

Black Seeded Simpson

65 Days

A very crisp and tender forcing variety. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; lb. \$1.00.

Grand Rapids

60 Days

form heads, but large, compact clusters crimped around the edges; crisp and tender. One of the easiest to grow under glass. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; lb. \$1.00.

Denver Market

Early, tender and of fine flavor. Heads of oval shape. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; lb. \$1.00.

Chicken Lettuce

This variety grows to a height of 4 or 5 feet and is similar to kale. It does not head and is not used for table purposes. The wonderful leaf growth makes it ideal for chickens and rabbit green feed. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; lb. \$1.00.

New York or Wonderful

80 Days

tuce, extremely large, sometimes 15 inches in diameter and weighing 2 to 3 pounds. It is deep rooting, stands heat well, is slow to run to seed and especially adapted for growing during the summer months. It is a sure header under the most trying conditions. The interior is beautifully blanched, creamy white, crisp, tender and delicious. Especially recommended as a standard, main crop, hot weather lettuce. Very popular with market gardeners and is equally good for home use. As we usually have a heavy demand for this variety we recommend early ordering. This is the variety planted extensively in the Lewiston Orchards and shipped in carloads all over the United States. Price: Pkg. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; $\frac{1}{2}$ lb. \$1.00; lb. \$1.50.

Prizehead

75 Days

A large, clustering, non-heading lettuce, easy to grow and an excellent variety for the home garden, but not recommended for market, as it is too tender to stand shipping and handling. The leaves are bright green, tinged with red; crisp, tender and sweet. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; lb. \$1.00.



Grand Rapids

We make a specialty of supplying seed to the Market Gardeners and make every effort to handle only the very best strains obtainable. We do not claim to compete with houses whose main idea is to sell at a low price regardless of quality. In such cases the seed is not cheap but very dear at any price. The first cost of good seed is small compared with the time and labor necessary to raise a crop.

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The Lettuce you buy is never as crisp as that cut fresh from your own garden

Watermelons

CULTURE. Watermelons do best on light, well drained soils, but give good results on any rich garden soil that is well cultivated. One ounce of seed will plant 30 hills; 3 to 4 pounds to an acre.

Halbert Honey

The introducer describes this as equal in flavor and as handsome as the Kleckley's Sweets and much more productive. A long, early melon, with dark, rich, glossy green rind, crimson flesh and sweetness that is unsurpassed. Fine for home use and home market, but is too thin and brittle to stand shipment. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

Tom Watson

One of the most popular shipping melons grown Large and mottled, flesh red. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

Cole's Early

Very early. A good variety for either the home garden or for market. Flesh deep red. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

Georgia Rattlesnake

Very large. Flesh dark red, of excellent flavor. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

Klondike

One of the sweetest and most prolific melons on the market. Seeds are about half the size of others. Flesh deep red, skin dark green. As the seeds are so small, 1 pound will go as far as 2 of most other varieties. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

Phinney's Early

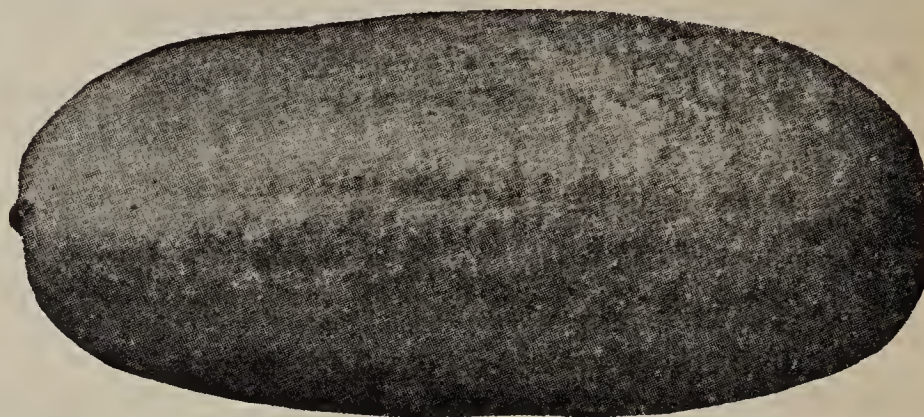
An early, medium-sized variety, with pink flesh, sweet and delicious. One of the best for home use. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

Golden Honey

A desirable yellow meated variety. Thin rind, golden yellow flesh, remarkably tender and sweet. First choice with many customers for home use. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

Ice Cream or Peerless

The excellent quality of this very early melon is undoubted. Medium size, thin rind, bright, scarlet flesh. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.



Klondike

Winter Queen

Sometimes called the "Christmas" watermelon, as it ripens about the first of September and can be kept until Christmas without losing any of its quality. Best adapted to sandy soils, and produces good sized melons, light green to ivory in color, and almost round in shape. Bright pink flesh, very solid, crisp and juicy. Claimed by many to be sweeter than any other melon grown. Don't fail to plant some of this variety. Price: Pkg. 5c; oz. 15c; 1/4 lb. 40c; 1/2 lb. 70c; lb. \$1.25.

Kleckley's Sweets or Monte Cristo

A splendid sort for home use or near markets. Vine vigorous and productive; fruit of a medium size, oval; color dark mottled green in two shades, forming indistinct stripes. Flesh a beautiful rich red. Exceedingly sweet and tender. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

Citron

Grown for preserving and pickling. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

Muskmelons or Cantaloupes

CULTURE. After all danger of frost is past, plant in hills 4 to 6 feet apart. Do not plant too deep; 1 ounce to 50 hills; 2 to 3 pounds to acre.

Burrell's Gem

The fruits are 6 to 7 inches long by 4 1/2 to 5 inches in diameter, rather sharply sloping at the ends. Well ribbed and covered with a fine grayish netting. The skin is rich dark green, contrasting finely with the deep orange-salmon flesh; sweet and tender. The flesh is thick and firm, ripening close to the skin. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

Edwards Perfecto

A very superior type of the Rocky Ford melon, having a deep tinted salmon flesh and exceedingly small seed cell, a firm gray netting and excellent shipping qualities. Pkg. 5c; oz. 10c; 1/4 lb. 35c; lb. \$1.00.

Banana

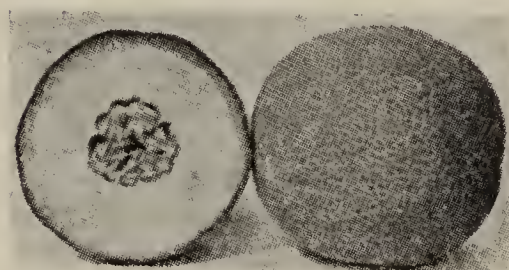
A long, salmon fleshed variety of good flavor, growing about 15 inches long. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

Rocky Ford

No other cantaloupe finds such ready sale in the large markets; it is always in demand at good prices. Very uniform in size and quality, thickly netted, distinctly ribbed and firm flesh. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

Early Osage

A fine melon for nearby markets, large and uniform in size. Flesh is orange salmon colored, fine grained, firm, spicy and sweet. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.



Perfecto

Hearts of Gold

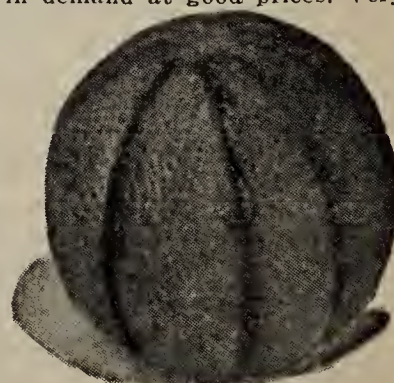
Shape slightly oblong, medium size, skin thin, flesh a rich deep orange color, fine grained and of remarkable sweetness and spicy flavor. Very small seed cavity. No other melon equals it for shipping purposes. Price: Pkg. 5c; oz. 10c; 1/4 lb. 45c; 1/2 lb. 75c; lb. \$1.25.

Extra Early Hackensack

This is a selection of the popular Hackensack, ripening fully 10 days earlier. Melons of good size, heavily ribbed and netted, thick, light green flesh of fine flavor. Quickly taking the place of the ordinary Hackensack. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.

Salmon Tinted Pollock 10-25

Meat of fine texture, deep and firm. Color of meat green one-half the depth from rind, the remaining one-half a deep salmon color. Flavor the finest. Price: Pkg. 5c; oz. 10c; 1/4 lb. 35c; 1/2 lb. 60c; lb. \$1.00.



Hearts of Gold

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No order too small or too large

MUSKMELONS or CANTALOUPEs (Continued)

Hale's Best

70 Days

A fine, early shipping variety of excellent quality. Used extensively in the Imperial Valley. Melons are oval in shape, 8 inches long by 4½ inches in diameter, heavily netted. Flesh thick, of deep salmon color. Price: Pkg. 5c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

Honey Dew

105 Days

Fruits with smooth, almost white rind, measuring about 6 inches in diameter by 7 to 8 inches long. The green flesh is thick and is of a peculiar sweet flavor. To have the melons in the best condition, gather as soon as they slip from the vine and store in a cool place for two or three days. Price: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

Casaba

A large, green-flesh melon. A good yielder and keeper. Price: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

New Golden Honey Dew

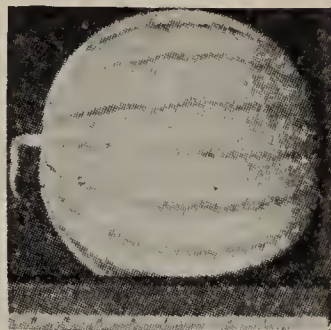
105 Days

A new melon developed in the Rockyford, Colorado district. Has a rich, golden orange flesh, spicy and sweet. A long keeper. Price: Pkg. 5c; oz. 15c; ¼ lb. 45c; ½ lb. 85c; lb. \$1.50.

Early Waters Netted Gem

oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

The earliest strain of the "Rockyford". It sets a very heavy first crop. Price: Pkg. 5c;



Honey Dew

Onion Seed

CULTURE. On land that is thoroughly plowed, disked and harrowed, sow onion seed in rows 18 inches apart, using 2 to 4 pounds to the acre. Planting should be done as early as the ground can be properly worked.**Yellow Globe Danvers**

125 Days

A very popular variety, especially for market. It is globular in form; very solid and one of the best shippers. The skin is brownish yellow and the flesh is fine grained, creamy white, crisp, mild and of excellent flavor. One of the best main crop. Price: Pkg. 5c; oz. 15c; ¼ lb. 55c; ½ lb. \$1.00; lb. \$1.90.

Sweet Spanish

120 Days

A large, sweet onion, introduced into this country from Spain in recent years, and can be grown very successfully here. The onions are equal to those that used to be imported. Has no bite nor objectionable strength, being mild, sweet flavored, fine, firm meat of tender texture. Price: Pkg. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.35; lb. \$2.50.

White Portugal or Silver Skin

125 Days

Bulb flattened, thick through, skin is clear, white, flesh mild and of fine flavor. It is grown extensively for sets and pickling onions and is the best white sort for this purpose. Used extensively in the spring for green and bunch onions. Price: Pkg. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.35; lb. \$2.50.

Large Red Wethersfield

125 Days

A standard variety; one of the most productive kinds, even in poor soil. Its good keeping qualities render it one of the best for shipping. Price: Pkg. 5c; oz. 15c; ¼ lb. 55c; ½ lb. \$1.00; lb. \$1.90.

Crystal Wax

(WHITE BERMUDA). A medium sized pure waxy white onion, and one of the mildest grown. The seed is imported from Teneriffe, Canary Islands, and has always given very satisfactory results. Price: Pkg. 5c; oz. 25c; ¼ lb. 90c; ½ lb. \$1.60; lb. \$3.00.

White Pearl or Queen

95 Days

The best of all for small pickles and the earliest maturing onion in cultivation. The bulbs are small, pure white and uniform in size and shape. Price: Pkg. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.35; lb. \$2.50.

Yellow Bermuda

120 Days

This valuable onion is the most profitable variety for the grower. It is easily cultivated, grows to a large size and is very mild in flavor. Price: Pkg. 5c; oz. 25c; ¼ lb. 90c; ½ lb. \$1.60; lb. \$3.00.

Onion Sets

| | | |
|-----------------------------|--------------|---------------|
| Bottom Yellow Danvers | 1 lb. \$0.15 | 2 lbs. \$0.25 |
| Top Sets | .15 | .25 |
| Garlic Sets | .25 | |

BERMUDA ONION PLANTS

The new way of raising the large, mild, sweet onion. These onions are not grown from sets but from plants. You can raise them in your own garden and get as good onions as those that are shipped in from Texas. These are the same kind of plants that the Texas growers are using. They grow fast, and can be used for green onions or you can allow them to mature. The plants are field grown and are well hardened and will stand shipping and transplanting. A large number of our growers had fine success with them last year. They come packed 100 in a bunch. Price postpaid: 45c per 200; \$1.00 per 500; \$1.85 per 1000; \$8.00 per 6000.

Okra or Gumbo

CULTURE. Seed can be planted from middle of March until the latter part of August. 1 oz. of seed to 50 foot row. This vegetable produces long and nutritious pods which when young are used in soups and stews, adding a rich flavor.**White Velvet**

Pods round, smooth and free from seams. Fine flavor. Pkg. 5c; oz. 25c.

ALL PRICES ON THIS PAGE ARE POSTPAID



Bermuda Onion Plants

Garden Peas

Peas should have a large place in every home garden. By careful selection of varieties and frequent plantings you may have a continuous crop throughout most of the season.

We suggest:

Early—Alaska, Blue Bantam, Laxtonian, American Wonder, Little Marvel.

Second Early—Gradus, Little Gem, Nott's Excelsior, Stratagem, Admiral.

Late—Telephones, Everbearing.



Dwarf Telephone

Alaska or Earliest of All

50 Days

A well-known, smooth seeded, extra early variety, extensively used by canners. The vines are strong and vigorous, 2 feet high and of light green color. The pods are about 3 inches long, and are well filled with round, blue peas, slightly pitted. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 25c; 10 lbs. \$2.00.

Gradus or Prosperity

78 Days

The earliest wrinkled variety. Vines grow from 2 to 3 feet high. A large producer of fine flavored peas. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 25c; 10 lbs. \$2.00.

Nott's Excelsior

70 Days

A particularly good extra early dwarf wrinkled pea, coming in only a few days after the extra early smooth kinds. Pods average 3 inches long, and are full of large peas of unusually sweet flavor. One foot high, of vigorous constitution and great yielding power. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 25c; 10 lbs. \$2.00.

American Wonder

65 Days

Very early and of dwarf, compact growth, about 12 inches high. Very popular with those who object to making a support for the vines. The pods are about 3 inches long, straight, round, blunt at the ends, and light green. The peas are of medium size, wrinkled, and of fine quality. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 25c; 10 lbs. \$2.00.

Dwarf Telephone

88 Days

A large podded second early variety. A large yielder. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 25c; 10 lbs. \$2.00.

Tall Telephone

90 Days

Extra large yielder of big pods. Vines grow from 4 to 5 feet tall. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 25c; 10 lbs. \$2.00.

Little Marvel

68 Days

An early, productive, wrinkled variety. A favorite with both home and market gardeners. Remains in prime condition longer than most varieties. Considered the best in its class. Foliage and pods dark green. Pods 3 inches long. Height 14 inches. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 25c; 10 lbs. \$2.00.



Little Marvel

Blue Bantam

75 Days

A splendid large podded variety of the Laxtonian type. Height about 15 inches. Vines stout and healthy. Medium dark green; dark green pointed pods, 4 inches long, containing 6 to 8 deep green peas of excellent quality. Very popular with the market gardeners. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 25c; 10 lbs. \$2.00.

Laxtonian

75 Days

One of the leading dwarfs. A large podded variety on the order of Gradus, though more dwarf and a little earlier. Height 1½ feet, pods and vine dark green; pods 3¾ inches long, straight and pointed, containing 6 to 8 large, dark green peas. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 25c; 10 lbs. \$2.00.

Green Admiral

A small seeded, wrinkled pea; is especially good for home canning. Very productive and of fine flavor. A common favorite. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 25c; 10 lbs. \$2.00.

Improved Stratagem

85 Days

One of the best of the large podded peas; the pods are of immense size, filled with large, dark green, wrinkled peas of the finest quality; vine of medium height, but very stocky, with very broad, light green leaves, and bearing an abundance of large, handsome pods. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 25c; 10 lbs. \$2.00.

Everbearing

90 Days

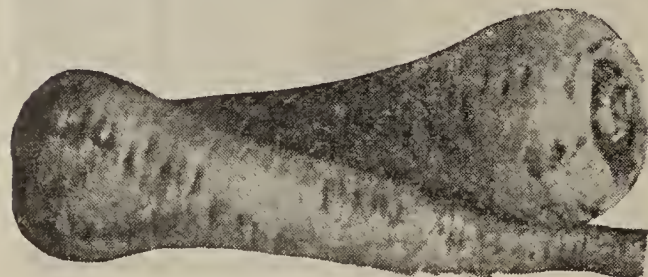
The vines attain a height of 2½ to 3 feet; foliage large; the pods will average 3 to 4 inches in length, each pod producing 6 to 8 wrinkled peas. These peas are very large, being half an inch and over in diameter, and in quality unsurpassed. For a continuance of bearing this variety is unexcelled. Price: Pkg. 5c; ¼ lb. 10c; ½ lb. 15c; lb. 25c; 10 lbs. \$2.00.

Dwarf Grey Sugar

Luscious in flavor. An edible pod pea growing about 2 feet in height. Pods very delicious when cooked same as green or wax beans. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 20c; lb. 35c; 10 lbs. \$3.00.

Parsnips

PARSNIP CULTURE. As Parsnip seed germinates very slowly, sow as early in the spring as possible in rows 18 inches apart. Thin to 3 or 4 inches. The roots are improved by freezing.



Hollow Crown Parsnips

Hollow Crown or Long White

Roots very long, white, smooth, tender, sugary, and most excellent flavor. Very hardy; will keep through the winter without protection. Price: Pkg. 5c; oz. 10c; ¼ lb. 25c; ½ lb. 45c; lb. 75c.

ALL PRICES ON THIS PAGE ARE POSTPAID

Can Your Own Vegetables

Peppers

One Ounce to 1500 Plants

CULTURE. Sow early in hot beds. When 3 to 4 inches tall transplant to well cultivated and highly fertilized soil.

Chinese Giant

135 Days

Very mild in flavor and a favorite for the home garden. Rich, deep green when immature and bright scarlet red when ripe. Flesh thick, mild and sweet.

Ruby King

120 Days

An ideal pepper for either the home or market gardener. Fruit grows to a size of 4 to 5 inches in length and 3 to 3½ inches in diameter. Color, dark green when young, turning to a bright red. Flesh thick, crisp and tender.

Large Bell or Bull Nose

100 Days

Large, mild, thick fleshed variety. Fine for stuffing.

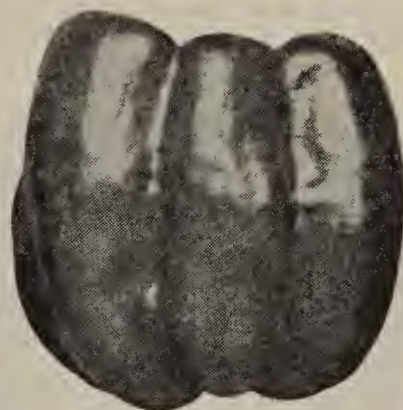
Cayenne

Pods small, long and tapering. Coral red when ripe, very hot and strong. Best kind for seasoning pickles.

Chili

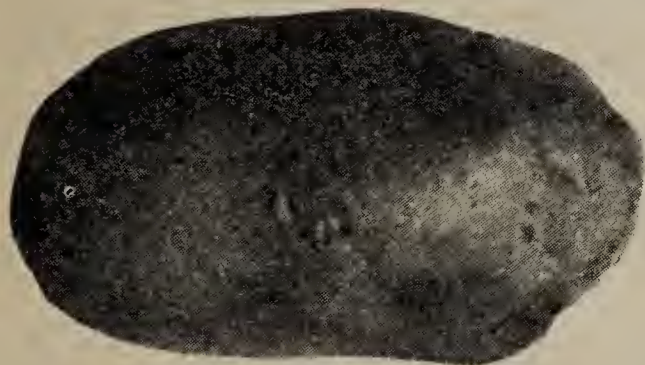
Pods small and pointed; bright scarlet; very pungent when ripe. Price: Pkg. 5c; oz. 60c.

ALL PEPPERS POSTPAID — FOR PLANTS SEE PAGE 19



Ruby King

Seed Potatoes (Non-Irrigated)



Our seed potatoes are raised under our personal supervision on the non-irrigated lands of the Palouse and Camas Prairie. Selected seed is used and the fields thoroughly rogued and only the strong healthy plants left to mature. The potatoes are stored under the proper conditions for seed and then hand sorted before being shipped.

Idaho Early Irish Cobbler

A splendid extra-early

variety, and the best for early market. The tubers are handsome, almost round, larger than most other early potatoes, and uniform in size and shape. Prolific yielders. The skin is creamy white.

Bliss Triumph

One of the earliest and largest yielders. Tubers are round and smooth. Pink color.

Earliest of All

It is about two weeks earlier and more productive than many other varieties. It is a round, white potato, very similar to Irish Cobbler, is uniform in size and shape, smooth, and of fine quality.

Early Rose

The old standard early potato; is one of the best early varieties. Early Rose is too well known to require much description. It is of good size, oblong, the skin is a rosy blush and the flesh is white.

Early Red Ohio

Grown on high, dry land. One of the best pink potatoes, similar to Early Rose. Tubers round, oblong shape, eyes rather shallow but strong. A heavy yielding, dependable variety. An old favorite that is still popular.

Early Sunrise or Pink Eye

This is one of the earliest and best potatoes on the market, and is becoming more popular with our growers each year. Resembles the Early Rose in shape and color, but is earlier, a better yielder and a superior keeper.

Netted Gem

Sometimes called California Russet, Burbank, Idaho Russet, etc. A splendid main crop late potato that gives good results in dry sections. Tubers are elongated, medium sized, with russet netted skin; flesh white; eyes are flush with surface; good keeper and produces a fine yield. This is the variety grown extensively by irrigation in Washington and Idaho for baking. Our stock is extra choice of the most improved type.

"PLANT A GARDEN"



POTATO PRICES F. O. B. LEWISTON

| | Less than 100 lbs. | 100 lbs. | 5 sax or more |
|------------------------------------|-----------------------|----------|------------------|
| Early Irish Cobbler | 2c lb. | \$1.50 | \$1.25 |
| Bliss Triumphs | 2c lb. | 1.50 | 1.25 |
| Earliest of All | 2c lb. | 1.50 | 1.25 |
| Early Rose | 2c lb. | 1.50 | 1.25 |
| Early Red Ohio | 2c lb. | 1.50 | 1.25 |
| Early Sunrise or Pink Eye | 2c lb. | 1.50 | 1.25 |
| Netted Gems | 2c lb. | 1.25 | 1.00 |

IMP. SEMESAN BEL. For Seed Potatoes. Potato diseases cause a loss equivalent to the yield of one acre in every 5 or 6 acres planted. Much of this can be prevented by treating seed before planting with Imp. Semesan Bel., the instantaneous dip disinfectant. One lb. treats 16 to 22 bushels of seed. Price: 4 ozs. 50c; 1 lb. \$1.75; 5 lbs. \$8.00; 25 lbs. \$31.25.

For best results treat your Seed Potatoes with Semesan Bel.

Pumpkins

CULTURE. Pumpkins can be planted with corn, or in the field by themselves. Plant in hills 8 by 10 feet each way; leave four strong plants to the hill; $\frac{1}{2}$ pound of seed to 100 hills, 3 to 5 pounds per acre.



Sweet or Sugar

Sweet or Sugar

70 Days

Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 50c; lb. 90c.

Giant of All

100 Days

"King of Mammoths." This colossal pumpkin is almost a globe shape. The skin is of a beautiful rich golden yellow, flesh firm, fine grained and deep yellow, sweet flavored, very thick and of excellent quality for so mammoth a variety. These pumpkins attain an enormous size and will carry away prizes at your county fair. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 50c; lb. 80c.

Connecticut Field

85 Days

A large, productive, orange colored field pumpkin, usually grown for stock, but good for pies. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 50c; lb. 80c.

Tennessee Sweet Potato

Shape similar to a bell, skin and flesh white, very thick and sweet. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; lb. \$1.25.

Kentucky Field or Large Cheese

A popular variety. Skin mottled light green and yellow, changing to rich cream color. Flesh yellow, thick and very nutritious. Excellent for pies and also grown in large quantities for stock. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 40c; lb. 75c.

Radishes

CULTURE. To have radishes crisp and tender, they must be grown quickly, and therefore require good soil and plenty of moisture. Plant the seed as early as possible, and for a successive supply until late in the season, sow at intervals of ten days in ground that has been deeply dug. Radishes can also be grown between rows of beets, lettuce, etc. One ounce will sow 100 feet of drill.

Early Scarlet Globe

21 Days

A small, round, red, turnip-shaped radish, with small top and very quick growth; very early; rich color and crisp, tender flesh. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 45c; lb. 75c.

Early Scarlet White Tipped

21 Days

This is the favorite little, round, red radish with the white tip. Planted early in the spring it matures in 21 to 25 days. They are crisp and tender, and the flesh is snowy white. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 45c; lb. 75c.

Early Long Scarlet

32 Days

An early variety of long type of radish, popular for market as well as home use. The roots are straight, long and smooth. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 45c; lb. 75c.

French Breakfast

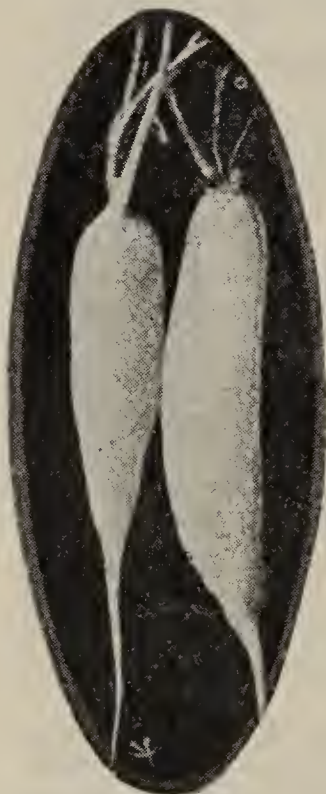
22 Days

This radish is a great favorite for family use and home gardens. Olive shaped, of rich scarlet color, shading gradually to white at the tip. Should be pulled for eating when about medium size. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 45c; lb. 75c.

White Icicle

25 Days

This superb radish is the finest and longest of the very early, pure white varieties. Planted in the spring, is ready for use in 20 to 25 days. Their long, slender form and pure, paper white skin are most attractive when bunched for market. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 45c; lb. 75c.



Icicle



Early Scarlet White Tip

WINTER VARIETIES

Black Spanish

72 Days

An excellent winter radish. Skin black, flesh white and highly flavored. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 45c; lb. 75c.

China Rose

60 Days

Do not sow this variety earlier than July, and pull before severe frost. Is a very good keeper. The China Rose is shorter and thicker than the Long Scarlet, and is bright rose in color. Flesh is very solid and white. Price: Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 45c; lb. 75c.

Rhubarb or Pie Plant

CULTURE. Rhubarb is as easily grown from seed as from roots. It will grow almost anywhere in the garden, is very productive and will thrive for years. Sow in drills 1 inch deep, 3 to 6 inches apart. In the fall, transplant into good rich soil, about 4 feet apart each way.

Victoria

The best variety for family use. Is hardy, and of excellent flavor. Where good table quality is desired, the Victoria cannot be beaten. Price: oz. 20c; $\frac{1}{4}$ lb. 60c; $\frac{1}{2}$ lb. \$1.00; lb. \$1.90.

For Roots see Page 19

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Grow Lots of Pumpkins—Store for Winter

Spinach

One ounce will sow about 80 feet of row, 10 pounds to the acre. Spinach thrives in any ordinary soil and is a very easy crop to raise. For early spring use, seed should be planted in the fall.

Thick-Leaved Improved A superior variety. It is especially good for early spring and successive planting for summer use, but is also an excellent variety for fall planting for winter and early spring use. A long standing variety, slow in going to seed. Price: Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 30c; lb. 50c.

Bloomsdale Savoy A variety that has become a great favorite within late years. The numerous leaves are curled and wrinkled. A very productive variety, popular with market gardeners. Price: Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 30c; lb. 50c.

Mammoth Victoria Produces large, dark green leaves, somewhat crumpled. Price: Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 30c; lb. 50c.

Long Standing Has large, thick, round leaves. Very hardy. Adapted for either fall or spring planting. Slow to go to seed. Price: Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 30c; lb. 50c.

Prickly Leaf The hardiest variety of all. The best variety for fall sowing where winters are severe. Leaves long and pointed. Price: Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 30c; lb. 50c.

SALSIFY, or Vegetable Oyster

One ounce will sow about 50 feet of row. Sow about 1 inch deep. Salsify is one of the most delicious and nutritious of vegetables. Soups and salads made from it have a delicious oyster flavor. Is nice fried in butter or boiled and made into fritters.

Mammoth Sandwich Island The largest variety and the most popular. Price: Pkg. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 90c; lb. \$1.50.



Thick-Leaved Improved

Squash

Acorn or Table Queen

Sometimes called the Des Moines or Individual. This is a small, acorn-shaped squash, with dark green skin. Flesh golden yellow. Are served individually by cutting open lengthwise from stem to blossom end, cleaning out seed and placing a large lump of butter in one half, place the two halves together again, bake, serve in the shell. Price: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.10.

Sibley or Pike's Peak

85 Days

Smooth shell, thin and a pale green color; the flesh is thick, solid, deep orange color. Very dry, fine grained and a fine flavor. A good keeper. Price: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.10.

Boston Marrow

The favorite fall and winter squash of the Eastern States. Of large size. Color a deep orange. Excellent flavor and a good keeper. Price: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.10.

Mammoth Chile

90 Days

This is the great exhibition squash and under special cultivation will attain a great weight and is very attractive in appearance. The skin is a rich orange-yellow, the flesh yellow and very thick. Always fine grained and sweet. A good winter keeper of highest value as a stock feed.

Prices: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.10.

Summer Crookneck

50 Days

Very early, prolific, solid curved neck, skin yellow, thin. Flesh tender and good quality. Price: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.10.



Acorn or Table Queen

Early White Bush Scallop

45 Days

An extra early variety that is ready for use before any of the other varieties. Easy to grow and should be in all gardens, large or small. Vines will continue to bear if fruit is kept picked off. Price: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.10.

ALL SEED ON THIS PAGE POSTPAID

Spinach and other Greens are essential in your diet



Hubbard Squash

CULTURE. The squash is one of our most valuable and nutritious of vegetables. Both the summer and winter varieties should be planted to secure a continuous supply throughout the summer and winter. One ounce will plant 25 hills; 4 pounds to the acre.

Improved Hubbard

90 Days

An improved strain of the old well-known standard variety. The flesh is a rich golden yellow color, very fine grained, solid and sweet. The shell is very hard. An excellent keeper. Price: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.10.

Golden Hubbard

80 Days

The same shape as the Improved, but the color of the shell is a deep orange-yellow. Flesh deep golden yellow. Fine grained; cooks very dry, and of excellent flavor. Price: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.10.

Delicious

85 Days

An excellent variety for the home; resembles the Hubbard, but surpasses it in the opinion of some, as the shell is not so hard and is smaller. Flesh is thick and of finest quality. Price: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.10.

Banana

90 Days

A great favorite wherever grown and growing in popularity every year. Grows from 1 to 2 feet long. Color bright yellow to olive green. Flesh orange colored, firm and solid. Recognized as the sweetest squash grown. Price: Pkg. 5c; oz. 10c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.10.

Tomatoes

All Our Tomato Seed Treated with Semesan



John Baer

90 Days

This variety is the result of fifteen generations of breeding. It produces perfect, solid, high crown, brilliant red tomatoes. They ripen ten days before Earliana, bearing 50 to 100 fruits per plant. The flavor is deliciously sweet. The plant will stand plenty of fertilization without going to vine. Keeps well; is a good shipper; a prolific, continuous bearer, and has the unusual remarkable feature of being easily peeled, the skin slipping readily from the rich, firm flesh. Resistant to wilt and other diseases. Prices: Pkg. 5c; oz. 25c; 1/4 lb. 85c; 1/2 lb. \$1.50; lb. \$2.75.

King of the Earliest

The earliest good tomato on the market. Color a deep, dark red. Flesh thick, smooth, firm and with few seeds. Finest quality. A heavy yielder for an early variety. If you live in a climate where your season is short, try this variety. Price: Pkg. 5c; oz. 25c; 1/4 lb. 85c; 1/2 lb. \$1.50; lb. \$2.75.

Spark's Earliana

100 Days

A favorite with the market gardeners. Very early, productive and a good shipper. Fruit a deep scarlet, medium to large. Nearly round and exceptionally smooth for an early variety. Price: Pkg. 5c; oz. 25c; 1/4 lb. 85c; 1/2 lb. \$1.50; lb. \$2.75.

Bonny Best

Attractive scarlet-red fruits, just a trifle smaller in size than those of Chalk's Jewel, but matures about a week earlier. Fleshly and tasty, of remarkable solidity. The skin is smooth and of a uniform color from stem to blossom-end. Single fruits weigh about 5 ounces each. They are borne in clusters. Bonny Best is an ideal variety for the home garden because of its prolificness and continuous bearing throughout the season. It is also one of the standard varieties for green-house forcing during the winter months. Price: Pkg. 5c; oz. 25c; 1/4 lb. 85c; 1/2 lb. \$1.50; lb. \$2.75.

Yellow Pear

100 Days

A small, pear-shaped tomato. A very heavy yielder. Very hardy. Excellent for preserving. Price: Pkg. 5c; oz. 35c; 1/4 lb. \$1.30; 1/2 lb. \$2.50; lb. \$4.50.

Marglobe

110 Days

A new variety developed by United States Department of Agriculture. Very wilt-resistant and is a handsome, deep red, globe-shaped tomato of great merit. Plants are vigorous, dark green and productive; fruits are quite large. A very desirable tomato for salad or slicing. Excellent for canning. Price: Pkg. 5c; oz. 30c; 1/4 lb. \$1.00; 1/2 lb. \$1.85; lb. \$3.50.

Ground Cherry or Husk Tomato

Grows to great perfection under ordinary culture, yielding abundantly. Very much prized for preserving. Should be in every garden. Price: Pkg. 5c; oz. 35c; 1/4 lb. \$1.30; 1/2 lb. \$2.50; lb. \$4.50.

Tomato Plants—see Page 19

Turnips

Turnip is one of the first seeds that can be sown in the spring. For early summer use, sow as soon as ground can be worked. For winter use, sow from the middle of July to end of August; 1 ounce of seed will plant 150 feet; 1 pound per acre in drills; 2 pounds broadcast.

Purple Top Strap Leaf

65 Days

A leading, white-fleshed variety, and one of the best, either for the family, market garden or field crop. It is medium size, and produces a large crop. The flesh is firm but tender, and of a superior, rich, buttery flavor. A good keeper. Price: Pkg. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.

Purple Top Globe

70 Days

One of the most popular turnips, being both early and sweet. Flesh snow white, crisp, sweet, and solid; skin is pure white and smooth except at the top, which is a reddish purple. A good keeper. Price: Pkg. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.

Yellow Aberdeen

Pale yellow in color with purple top. Very hardy, productive and a good keeper. Flesh very firm, but tender and sweet. Good for table use or stock feeding. Price: Pkg. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.

Cow Horn or Long White

A carrot-shaped variety, pure white except a green shade at top. Grows large and partly above ground. Has a fine flavor and is a rapid grower. Good for market use, and is grown very largely for feeding stock. Price: Pkg. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.

Early White Egg

This is a good, firm, solid and sweet-flavored variety. Produces egg-shaped roots with thin, white skin. Is a very quick grower, being very suitable for both market and home gardens. Price: Pkg. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.

Extra Early Purple Top Milan

50 Days

As the name implies, this is a very early variety, growing turnips of excellent quality. The tops are very small and strap leaved. The roots are semi-flat, purple on top and clear white below. Price: Pkg. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.

Early Snowball

This snowy white, perfectly shaped turnip matures in seven weeks. Is crisp, solid and of fine flavor. Price: Pkg. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.



PLANT A GARDEN

Purple Top Strap Leaf

Rutabaga

All kinds of stock relish and thrive on rutabagas when fed in combination with hay. If planted the last of July or the first of August, the tops make an excellent pasture for sheep during the fall, and the rutabagas furnish succulent food for the stock throughout the winter. Yield is very heavy. Also popular for table use.

Improved Yellow Purple Top

95 Days

The popular standard variety both for stock feeding and table use. Flesh yellow, solid and sweet. Price: Pkg. 5c; oz. 10c; 1/4 lb. 25c; 1/2 lb. 40c; lb. 65c.

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Grow your winter supply of Turnips

Miscellaneous Seeds

BRUSSELS SPROUTS

These are miniature cabbages produced from the side of the stalk. They are regarded as a great delicacy cooked and served in the same manner as cauliflower. Sow in hot beds in March or April and in the open ground in May. Cultivate the same as cabbage. Price: Pkg. 5c; oz. 30c; 1/4 lb. 75c.

COLLARDS

A plant similar to cabbage. It does not, however, produce a head. The center leaves are very tender and used as a pot herb. Are also desirable as greens for poultry and rabbits. Cultivate same as cabbage except plant 3 feet apart each way.

SOUTHERN GEORGIA. This is the old favorite. Light green leaves. Price: Pkg. 5c; oz. 20c; 1/4 lb. 65c.

CRESS or PEPPER GRASS

Grows very quickly from seed sown thinly in drills. Used with lettuce to which it adds an agreeable pungency. Leaves are curled and very ornamental. Price: Pkg. 5c; oz. 25c; 1/4 lb. 85c.



EGG PLANT

Should be started in hotbeds and transplanted, using same methods as for tomatoes.

NEW YORK IMPROVED. This variety is the general favorite for both market and home gardeners. Very prolific, usually produces 4 to 6 large fruits to a plant. Color dark purple. Price: Pkg. 5c; oz. 65c; 1/4 lb. \$2.00.

ENDIVE

Culture same as for lettuce. Very hardy. Grown principally for winter salad.

GREEN CURLED. Hardy, vigorous grower, with deep green leaves. Price: New York Imp. Pkg. 5c; oz. 20c; 1/4 lb. 65c.

KOHLRABI

This vegetable is a cross between a cabbage and a turnip. The edible portion is the large bulb, which forms on the stem above the ground. The bulbs have a mild, delicate, cabbage-like flavor. The plants are hardy and the seed may be sown practically all the year around. Plant like turnips and thin to 6 inches apart in row. One ounce of seed will produce 2000 plants.

EARLY WHITE VIENNA. Flesh white and tender. PRICE: Pkg. 5c; oz. 25c; 1/4 lb. 75c.

FLOWER PLANTS

| | Per Doz. Postpaid |
|-------------------------------|----------------------|
| Pansy, Giant Mixed | \$0.50 |
| Aster, Giant Comet | .50 |
| Asters, Crego Mixed | .50 |
| Zinnia, Dahlia Mixed | .50 |
| Snapdragon | .50 |
| Marigold, African | .50 |
| Petunias, Balcony | .50 |
| Salpiglossis | .50 |
| Clarkia | .50 |
| Burning Bush | .75 |
| Snow in Mountain | .75 |
| Salvia (Flowering Sage) | .50 |

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PARSLEY

Culture same as lettuce. Parsley is used mostly for seasoning and garnishing. Its flavor is exceedingly pleasant.

CHAMPION MOSS or TRIPLE CURLED. The most popular variety for both the home and market garden. Price: Pkg. 5c; oz. 20c; 1/4 lb. 60c.

TOBACCO

CONNECTICUT SEED LEAF. Hardy, and the best adapted to cool localities. Grows to a height of about 5 feet. Price: Pkg. 5c; oz. 75c.

HERBS

ANISE. An annual, cultivated principally for the seed, which has a fragrant smell and pleasant taste. Used for medical purposes; leaves used for garnishing and flavoring. Price: Pkg. 5c; oz. 25c.

CATNIP. Perennial. Leaves and young shoots used for flavoring. Price: Pkg. 5c; oz. 40c.

DILL. One of the most widely grown herbs. The seed are used in soups, sauces and stews. The stems, leaves and flower heads are used to make dill pickles. Price: Pkg. 5c; oz. 20c.

FENNEL. Used for garnishing and fish sauces. Price: Pkg. 5c; oz. 30c.

HOREHOUND. This herb is used for flavoring candy, also in medicine. Sometimes planted as bee pasture. Price: Pkg. 5c; oz. 50c.

SAGE. The most widely grown herb for seasoning. The leaves are used either green or dry. Price: Pkg. 5c; oz. 50c.

SUMMER SAVORY. A hardy annual. When dried the stems, leaves and flowers are used for flavoring soups and dressings. Price: Pkg. 5c; oz. 50c.

SWEET MARJORAM. The tops are used either green or dry for seasoning. Price: Pkg. 5c; oz. 40c.

THYME. Used for flavoring soups, sauces, dressings. Price: Pkg. 5c; oz. 60c.

WORMWOOD. Used as a tonic in the form of tea. Price: Pkg. 5c; oz. 50c.

ROOTS AND PLANTS

LOCALLY GROWN, TRANSPLANTED HARDY STOCK

| | Postpaid | | Not Postpaid | |
|---|----------|--------|--------------|--------|
| | Doz. | 100 | Doz. | 100 |
| Early and Late Cabbage | | | | |
| Plants | \$0.20 | \$0.85 | \$0.15 | \$0.75 |
| Early and Late Tomato | | | | |
| Plants | .30 | 1.75 | .25 | 1.50 |
| Cauliflower Plants | .30 | 1.75 | .25 | 1.50 |
| Pepper Plants | .30 | 1.75 | .25 | 1.50 |
| Egg Plants | .30 | 1.75 | .25 | 1.50 |
| Celery | .30 | 1.75 | .25 | 1.50 |
| Sweet Potato Plants | .30 | 1.75 | .25 | 1.50 |
| Gold Dollar Strawberry | | | | |
| Plants | | 1.50 | | 1.25 |
| New Oregon Strawberry | | | | |
| Plants | | 1.50 | | 1.25 |
| Everbearing Strawberry | | | | |
| Plants | | 1.50 | | 1.25 |
| Asparagus Roots | | 2.25 | | 2.00 |
| Two-year Rhubarb Roots, 2 for 30c, postpaid; 2 for 25c, not postpaid. | | | | |
| Horseradish Roots, 2 for 15c, postpaid. | | | | |

Our Roots and Plants are from locally grown, well selected, hardy stock



Asters **DWARF MIXTURE.** In this mixture only the most distinctive and desirable colors of dwarf asters are used, being especially selected so as to give you satisfaction. **Pkg. 10c.**

Asters **TALL MIXTURE.** This mixture is selected from the best of the tall varieties, in beautiful and striking colors. **Pkg. 10c.**

Giant Crego Asters **AZURE BLUE.** A beautiful shade of deep sky-blue with just a shade of pink. A free bloomer with large double flowers on long stems. **Pkg. 10c.**

PINK. A lovely shell pink aster of great size. **Pkg. 10c.**

LAVENDER. A pleasing shade of silvery lavender. **Pkg. 10c.**

PURPLE. This is an outstanding favorite with many gardeners. A deep, rich purple. **Pkg. 10c.**

WHITE. Pure white flowers of large size. They are always double and never show a yellow center until they are long past their prime. **Pkg. 10c.**

CRIMSON. A brilliant crimson shade. **Pkg. 10c.**

Giant Crego Mixed A mixture of the above choice varieties. **Pkg. 10c.**

King Asters Large size flowers of distinctive beauty, with long narrow petals much folded so as to appear quilled. Grows about 2 feet tall. A valuable class of Asters for garden display and for cutting. Tall and strong growing. **Mixed. Pkg. 10c.**

Abronia **SAND VERBENA.** An excellent Verbena like trailing plant, with fragrant flowers of bright rose with white center. Does very well in a dry, poor soil and sunny situations on rock work. **Pkg. 10c.**

Acrolinium **EVERLASTING FLOWER.** A pretty everlasting, with daisy-like flowers of bright rose. When cut in bud state can be dried and used in the home, or for bouquets in the winter. **Pkg. 10c.**

Adonis **PHEASANT'S EYE.** Large, star-shaped, yellow flowers, used for rock gardens and borders. Is one of the earliest flowers to bloom. **Pkg. 10c.**

Ageratum **FLOSS FLOWER.** The pretty flowers, produced in clusters, bloom in the greatest profusion all summer and fall. Easily raised. Very effective for borders and solid beds. Dwarf varieties are grown as pot-plants for fall and winter blooming. **Dwarf Blue. Pkg. 10c.**

Alyssum **SWEET ALYSSUM.** Blooms early and lasts through until fall, and shows up to an advantage in borders. Is covered with spikes of small flowers, giving a very pleasing effect. **Pkg. 10c.**

Amaranthus **LOVE LIES BLEEDING.** An annual with long, drooping spikes of blood red flowers, useful for borders of tall plants. When planting, give them sufficient room to fully develop. Can be flowered in small pots under glass. The foliage is brilliant. **Pkg. 10c.**

Antirrhinum **SNAPDRAGON.** One of the most valuable flowers, which can be readily grown from seed. Large flowers of gorgeous coloring and very fragrant. Produced on immense long spikes, making them well adapted for cut flowers. **Pkg. 10c.**

Arctotis Grandis **AFRICAN DAISY.** Grows branched bushes 2 to 3 feet high, with daisy-like, showy flowers of pure white on the upper surface, the reverse of petals pale lilac blue. Is valuable as a cut flower, the blooms lasting a week or ten days in water. It delights in a sunny situation and is very easily grown from seed. If undeveloped buds are cut and placed in a sunny window, every one will open and produce as fine flowers as though left on the plant. **Pkg. 10c.**

Bachelor Button **CORN FLOWER.** Hardy annual of simple beauty. Easily cultivated and produces flowers of great variety of rich colors. **Pkg. 10c.**

Balsam **LADY SLIPPER.** A favorite garden flower, producing masses of beautiful, brilliant colored, double flowers in great profusion. Succeeds in a good rich soil and plenty of water. To grow fine specimens the plants should be set from 12 to 18 inches apart. **Pkg. 10c.**

Begonia **EVERBLOOMING BEDDING VARIETY.** A continuous flowering section of Begonias; is of great value for bedding. They are of sturdy growth, about 1 foot high, forming dense bushes, which are completely hidden with flowers of different shades. Easily raised from seed, and as pot plants for winter flowering they are unexcelled, remaining a sheet of bloom throughout the year. **Pkg. 10c.**

Calendula **POT MARIGOLD.** One of the best hardy annuals, growing in any good garden soil, and producing a fine effect in beds or mixed borders. Continues blooming from early summer until freezing weather. **Pkg. 10c.**

Calliopsis Very graceful border plants. Beautiful free blooming annuals, producing an abundance of showy flowers, which are prized for bouquets and vases. They will thrive anywhere and the flowering season can be lengthened until late autumn by keeping the old flowers cut off. **Pkg. 10c.**

Canary Bird Vine Rapid growing annual vine, with canary yellow blossoms resembling a bird with wings half extended. **Pkg. 10c.**

Candytuft Profuse bloomers. They soon flower from seed, and remain long in blossom. Are especially adapted for massing and for edging and borders, also greatly prized for cutting. **Mixed Pkg. 10c.**

Canna **INDIAN SHOT.** Enormous, brilliant clusters of bloom borne on spikes above broad leaves of green or bronze in tropical effect. These are grown from roots, but can be successfully grown from seed if planted early. The seed should be soaked in warm water until it starts to swell and then sow in sandy soil and keep in hot bed or house until the proper season to plant out. **Pkg. 10c.**

Canterbury Bell These fine old plants are rich in color, profuse in bloom and of easy culture. Cup and saucer. **Mixed colors. Pkg. 10c.**



Antirrhinum-Snapdragons

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No home is so beautiful but that something is lacking without flowers

Cardinal Climber

Considered one of the most beautiful and brilliant annual climbers. Rapid grower with fern-like foliage covered with cardinal red flowers. **Pkg. 10c.**

Carnation

The Carnation has long been prized as a hardy border flower. It is free flowering and easily grown, either in flower beds, borders or pots. It is one of the most valuable and beautiful of our summer flowers and a favorite with everyone. Plants raised from seed bloom more profusely than propagated plants, and are therefore to be preferred. Marguerite Mixed. **Pkg. 10c.**

Chrysanthemum

The single-flowering, annual Chrysanthemums are showy and effective garden favorites, extensively used for cut flowers. Mixed. **Pkg. 10c.**

Clarkia

Clarkias are popular summer annuals, hardy; can be grown easily in ordinary soil. Used for bedding and borders. Grows about 18 inches high and bears bright rose, purple and white flowers. Best Mixed. **Pkg. 10c.**

Cup and Saucer Vine

COBAEA SCANDENS. of rapid growth, 10 to 20 feet tall. The young flowers are light green, changing to rose purple as they open up fully. In warm climates this will live outdoors all the year around. **Pkg. 10c.**

Cockscomb

(*Celosia Cristata.*) Very attractive and showy, producing massive heads of red, purple and yellow flowers. Mixed. **Pkg. 10c.**

Columbine

AQUILEGIA. No plant grown from seed is more easily grown and handled than Columbine. Seed may be sown in the open ground early in the spring, and will, in some cases, bloom the same season; or they may be planted in August or September and will come up early in the spring and make vigorous plants which will bloom profusely during the late spring and summer. **Pkg. 10c.**

Coreopsis

Large, showy, bright yellow flowers, produced in great abundance from June until frost. Height 1 to 2 feet. **Pkg. 10c.**



Cosmos

Cosmos

Beautiful summer and autumn blooming plants. They produce thousands of artistic flowers in pure white, pink and crimson shades, furnishing an abundance of cut flowers for fall when other flowers are scarce. Should be sown in spring, in the open ground when danger of frost is past, or the seed may be started under cover and transplanted. Plant not less than 18 inches apart. When the plants are about a foot high the tops should be pinched out to induce a bushy growth. Mixed colors. **Pkg. 10c.**



Columbine

Cypress Vine

Rapid growing climber with fern-like foliage dotted with small star-shaped flowers, orange, scarlet and white in color. Soak seed before planting. **Pkg. 10c.**

Coleus

FLAME NETTLE. The handsomest foliage plant that can be raised from seed. The leaves often measure 10 inches in length and 8 inches wide, heart shaped, crimped, toothed and frilled with a very rich color combination. Fine mixed. **Pkg. 10c.**

Shasta Daisy

Immense white flowers borne in great profusion. Easy to grow even in poor soil. Makes a fine display, blooming throughout the season. Grows 2 to 3 feet tall. **Pkg. 10c.**

Dusty Millers

Dusty Millers are sometimes classes as Cinerarias. They are extremely showy, with silvery-white leaves. The plants grow 8 to 12 inches tall and lend themselves particularly well for borders to taller growing annuals or perennials. **Pkg. 10c.**

Forget-Me-Not

MYOSOTIS. These are considered among the best spring flowers. Respond to good treatment, and flourish in shady, moist situations. The National flower of Belgium. Mixed. **Pkg. 10c.**

Gaillardia

BLANKET FLOWER. Grows in compact, bushy form about 2 feet high and the same in breadth. Bears freely from early spring to late fall, brilliant flowers in red and yellow, blended and shaded. Mixed colors. **Pkg. 10c.**

Geum (Mrs. Bradshaw) (Chiloense)

Hardy, free blooming, with large, double flowers of a fiery red. Blooms all summer; 8 to 12 inches. **Pkg. 10c.**

Gypsophila

BABY'S BREATH. Pretty, free flowering plants, succeed in any garden soil. Their misty white panicles of bloom are used largely for mixing with other cut flowers. **Pkg. 10c.**

PERENNIAL BABY'S BREATH—Single (Gypsophila paniculata). Tiny white flowers borne on slender stems. The plants are simply covered with blooms during June and July; 2½ feet. **Pkg. 10c.**

Heliotrope

Heliotrope is a universal favorite on account of its delightful fragrance and duration of bloom. It blooms equally as well as a bedding plant in summer, or as pot plants in the house during the winter. Very easily grown. Finest Mixed. **Pkg. 10c.**

Helichrysum

Straw Flowers. Helichrysums are an ornament to the garden when growing and are everywhere prized for the winter decoration of vases. Flowers for drying should be gathered when partially unfolded and suspended with their heads downward in a cool place. Mixed. **Pkg. 10c.**

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Flowers speak a language of beauty that is understood by all



Double Hollyhock.

Hollyhocks **DOUBLE MIXED.** The best double perennial Hollyhock in mixed colors. Pkg. 10c.

SINGLE MIXED. Pkg. 10c.

Hyacinth Bean (Dolichos Lablab) **Rapid growing, ornamental, climbing annual, bearing clusters of beautiful purple and white flowers, followed by ornamental seed pods. Sow early where vine is to remain. Mixed. Pkg. 10.**

Japanese Variegated Hop **HUMULUS JAPONICUS VARIEGATUS.** Where an attractive climber is wanted that will stand rough usage and make a dense shady mass, there is nothing better than Japanese Hop. It is grown for its ornamental foliage, as the greenish white flowers are quite small and inconspicuous. The leaves become strikingly variegated during midseason. They are distinctively marked and blotched with silvery white and yellow. Pkg. 10c.

Ice Plant (Mesembryanthemum) The leaves appear as if covered with a coating of thin ice. It is grown among other annuals or perennials as a ground cover and is particularly suited for the rock garden or hanging baskets. The flowers are either white or light pink. They are small and inconspicuous. Pkg. 10c.

Kochia **MEXICAN BURNING BUSH.** An easily grown annual; forms a cypress-like hedge of green of perfect symmetry; by midsummer it attains a height of 3 feet, and late in the autumn the whole plant becomes a deep red. A splendid plant to divide the vegetable from the flower garden, or for forming a hedge. Pkg. 10c.

Kudzu Vine Beautiful Japan Climber, hardy perennial with fragrant, purplish-violet flowers. Pkg. 10c.

Lantana **Hybrida—Mixed.** 2 feet. Shrubby plant with Verbena-like flowers in shades of white, red and yellow. May be grown in pots or set out in summer; remaining in bloom late in autumn. They have an agreeable aromatic perfume. Pkg. 10c.

Larkspur **DOUBLE DELPHINIUM.** This is one of the best known of the garden flowers, and in recent years a vast improvement has been made by careful selection in size and color of the blossoms and the general habit of the plants. Seed sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost. Mixed colors. Pkg. 10c.

Lobelia Delicate, low-growing annual plant of the greatest value for borders, edgings and hanging baskets. Mixed. Pkg. 10c.

Marigold **FRENCH MIXED.** Compact and regular in growth, useful for bedding. Mixed colors. Pkg. 10c.

Marigold **AFRICAN MIXED.** Better suited for planting in mixed borders or among trees and shrubs. Mixed colors. Pkg. 10c.

Mignonette A well-known, fragrant favorite, and every flower garden should have a bed. Sowings made in April and July will furnish a succession from early summer until late frost. Can also be grown in pots for winter and early spring flowers. Pkg. 10c.

Morning Glory Tall mixed. One of the standard rapid-growing climbers, easily cultivated. Pkg. 10c.

Mixed Climbers This contains Cardinal Climbers, Cobaea Scandens, Thunbergia, Japanese Variegated Hop, Kudzu Vine, and Cypress Vine. Pkg. 10c.



Nasturtium-Golden Gleam



Nasturtium

Nasturtium,

Tall **Rapid-growing climber.** Mixed colors. Pkg. 10c.

Nasturtium,

Dwarf **Desirable for bedding.** Mixed colors. Pkg. 10c.

Nigella

LOVE-IN-A-MIST. A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seed pods. Very easily cultivated, growing in any garden soil. Blue and white mixed. Pkg. 10c.

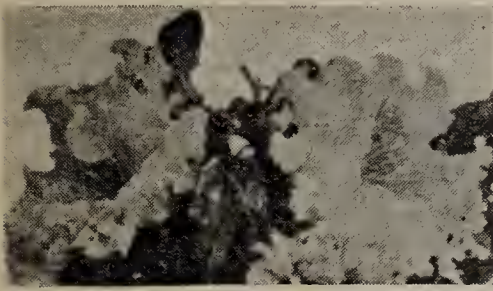
Pansies

Pansies are too well known to require any description, as they are favorite with all. For best results you must start with a good strain. The finest pansies are, as a rule, shy seeders, which accounts for the difference in prices of different mixtures. Pkg. 10c.

Nasturtium **GOLDEN GLEAM.** A new double sweet-scented Nasturtium. Large, golden yellow flowers, averaging 2½ to 3 inches across, are borne in the greatest profusion well above the foliage on erect 6-inch stems. A marvelous flower for garden display and cutting. Pkg. 25c.

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A small amount of flower will work wonders with any home



Giant Petunia

Petunia

For outdoor decoration, porch or window boxes few plants equal the Petunia. They commence flowering early and continue to bloom throughout the season. Easy to cultivate, only require a good soil and sunny position.

LARGE FLOWERING, DOUBLE PETUNIAS. In growing Double Petunias from seed the weaker seedlings should be carefully saved, as these usually produce the the finest double flowers. Double Mixed. Pkg. 35c.

SINGLE PETUNIAS. This is a mixture of all the best varieties and will make a beautiful showing. Pkg. 10c.

GIANT FLUFFY RUFFLES. Large flowers, beautifully waved, and most artistically fringed and ruffled on the edges. Includes a wide range of bright and showy colors—pink, scarlet, crimson, lavender, purple, and others. Many are self-colors, others are attractively mottled and blotched in a most showy manner. Pkg. 25c.

Phlox

Phlox is one of the easiest grown and most popular of all the summer flowering annuals. The brilliant colors always make a good impression. One of its most valuable characteristics is its free-blooming habit. To have good stocky plants the seedlings should be thinned to stand not less than 6 inches apart in the row. Sow early in the spring. We offer a blend of the best varieties of the tall annual Phlox. Pkg. 10c.

Pinks

ANNUAL DIANTHUS—SINGLE. Few flowers equal the old-fashioned pinks in beauty and profusion of bloom. They are easily grown and do well in almost any kind of soil and location. Sow seed in ground when the maples are coming into leaf. Cover with $\frac{1}{4}$ inch of soil. Best single mixed. Pkg. 10c.

Pinks

DOUBLE CHINA. This is a great favorite with gardeners who appreciate a fine show of annual pinks from midsummer until frost. The flowers of these Double Chinese Pinks are borne in clusters carried upright on strong stems. In addition to colors such as white, pink, rose, scarlet, crimson and maroon, there are many which are attractively bordered with a narrow or broad white edge. Pkg. 10c.

Portulaca

MOSS ROSE. A beautiful hardy annual, unsurpassed in brilliancy by any other annual. The plants are low growing and creep along the ground. They thrive in almost any location. A complete mixture, orange, white, red, salmon, buff and other shades. Pkg. 10c.



Phlox

Poppies

Oriental Poppies

Oriental Poppies should be sown in the open ground as soon as it can be worked. Mixed. Pkg. 10c.

Shirley Poppies

Annual Poppies should be sown as early as the ground can be worked. Sow in permanent bed, as they do not stand transplanting. If picked just before expanding, they will last for several days. Mixed. Pkg. 10c.

California Poppies

A showy and free flowering annual. Blooms very early. Plants are adapted for beds or borders. Mixed. Pkg. 10c.

Ricinus

CASTOR OIL BEAN. An easily grown plant of picturesque appearance. Grows from 8 to 10 feet in height and bears immense leaves. The plant is surmounted by large flower spikes and brilliant colored seed pods. Should not be set closer than 5 feet apart. The large seed should be planted in boxes in March and plants transplanted in May. Pkg. 10c.



Salpiglossis

Salpiglossis

PAINTED TONGUE. One of the finest annuals, of very easy culture, succeeding in any ordinary good soil. Should be planted in a sunny position. Plants grow about 2 feet tall and bear freely from midsummer until frost. Seed may be started in the house or planted outdoors after danger of frost is past. Finest mixed. Pkg. 10c.

Salvia

FLOWERING SAGE. Scarlet sage has long been a favorite bedding plant, bearing long spikes of flowers in profusion from July to frost. Seed can be started in hotbeds or in the open ground after danger of frost is past. Pkg. 10c.



Salvia

Snapdragon (See Antirrhinum)

Scabiosa

MOURNING BRIDE. 2½ feet. Commonly known as the Pincushion Plant. The flowers are long and the blossoms keep well in water. The soft shades predominate. When given plenty of room and the seed vessels are kept regularly picked off, it will last through the whole summer. Owing to its sweetness the bees are very fond of it and the floral flavors also attract all the most beautiful types of butterflies to the neighborhood. Pkg. 10c.

Scarlet Runner Beans

A great favorite in Europe, not only as an ornamental climber, but for the delicious edible beans which follow the spray of bright scarlet pea-shaped blossoms. Pkg. 10c.

ALL SEED ON THIS PAGE POSTPAID

Sweet Peas are a necessity for every garden—Our Spencer varieties are the best



Stock

Snow-on-the-Mountain (*EUPHORBIA MARGINATA*). An unusual but easily grown annual which adds variety to the mixed border or may be planted in rows or beds. The plants make an open and free-branching growth, about 3 feet tall. The crown of each plant produces small flowers beautifully set off by the top leaves, which are marked with broad white bands on rich green ground. Sow where to bloom to avoid transplanting. Pkg. 10c.

Stock The plants of the large flowering Ten Weeks Stocks grow from 15 to 18 inches tall. They are used for borders, florists' designs or pot culture. The sweet-scented, double flowers are borne profusely on strong, stocky spikes. Best mixed. Pkg. 10c.

Sunflower **DOUBLE CHRYSANTHEMUM-FLOWERED.** A wonderful Sunflower with full, double, golden-yellow blooms like a giant Chrysanthemum, 6 to 8 inches in diameter. The heads are made up of thousands of small fringed petals, forming a broad, thick flower. The plants grow nearly 7 feet tall and are covered with blooms. Pkg. 10c.

Sweet William A well-known, hardy, free flowering perennial, used in beds and borders. Produces rich and varied flowers. Grows from seed sown in the ground. We offer a splendid strain of all colors in a mixture. Pkg. 10c.



Spencer Sweet Peas

Sweet Peas, Early Flowering Orchid or Spencer

This type of Sweet Peas is equally popular with the florist for forcing as with the amateur for outdoor culture, as they come into flower five or six weeks earlier than the regular orchid-flowering type, and if the flowers are kept picked will continue to bloom over a period of nearly four months.

Spencer Sweet Peas—**KING RED.** The best pure red.
KING WHITE. Finest pure white.
COUNTESS. Deep rich maroon.
YOUTH. White, edged with delicate soft pink.
NUBIAN. Chocolate.
DOBBIE'S CREAM. Primrose.
PURPLE SPENCER. Lavender, suffused with mauve.
Straight colors. Pkg. 10c; oz. 30c.

Mixed Spencer The best assortment of new and choice Spencers in an even mixture. Pkg. 10c; oz. 25c.

Thunbergia **BLACK EYED SUSAN VINE.** An elegant, graceful and slender climber, producing bright cadmium yellow blooms. Excellent for hanging baskets and ground covers. Of quick growth, blooming profusely from June until October. Pkg. 10c.

Verbena Verbenas thrive in almost any situation and in all good soil. They make very attractive borders and beds, bloom freely from June until October. Plant the seed indoors in February or March, and transplant outdoors in May. Keep the soil moist, as the seed requires as long as three weeks to germinate. We offer a collection of Mammoth Verbena, which produces splendid clusters in a wide range of colors. Pkg. 10c.



Zinnia

ALL SEEDS ON THIS PAGE POSTPAID

Wall Flower These sweet-scented flowers are beautiful for beds, borders or for cutting. Mixed colors. Pkg. 10c.

Giant Zinnias Easily grown, doing well in almost any kind of soil. Blooms freely from early summer until frost. Our special strain of Giant Zinnias represent the largest and most perfectly formed Zinnias grown. Pkg. 10c.

New Dahlia Flowering Zinnias Dahlia Flowering Zinnias are of recent origin, yet they quickly became known because of their many outstanding features. The flowers are of an immense size. They are made up of a large number of small petals, which stand well apart, adding greatly to the grace and looseness of the bloom. Seed may be started indoors or planted direct in the garden after danger of frost is past. Will bloom from midsummer until frost. We offer a complete mixture of popular shades. Pkg. 10c.

POLAR BEAR. This is the best of all the White Zinnias. Large, well formed and double. Pkg. 10c.

GOLDEN STATE. Rich golden yellow, shading to bright orange when the flowers reach their full size. Pkg. 10c.

CRIMSON MONARCH. Rich crimson. By far the largest and best of the red shades. Flowers often 8 inches in diameter. Pkg. 10c.

DREAM. A distinct shade of deep lavender, changing to a purple tint as the flowers age. Pkg. 10c.

ORIOLE. An immense orange and gold bi-color. Very popular variety. Pkg. 10c.

EXQUISITE. Perfectly symmetrical flowers of a pleasing rose pink shade with a deeper rose center. A truly exquisite flower of magnificent size and good form. Pkg. 10c.

MIXED DAHLIA FLOWERED ZINNIA. A special mixture of the choice colors. Pkg. 10c.

Dwarf Mixed Zinnias A complete mixture of this elegant free-blooming dwarf type. Pkg. 10c.

WILD FLOWER GARDEN

This is a complete mixture of easily grown Annuals which give a wonderful show with flowers from early summer until frost. It should be sown thinly either in rows or broadcasted so that the individual varieties can develop freely. Pkg. 10c.

Our Giant Zinnias bloom from mid-summer until frost

Roses 35c each; 5 for \$1.50, Postpaid

Our Roses are large, sturdy, 2-year-old, field-grown bushes. They are true to name and the following list includes the best of the most popular varieties. We are making a special price of these varieties of 35c each or 5 for \$1.50, postage paid. We have a good-sized stock, but at these prices they will sell very fast, and we suggest you place your order early, as soon as you receive this catalog, and will make shipment as soon as the planting season opens. Please state if we may substitute sold-out varieties with others equally as good.



Betty Uprichard (H. T.)

A pretty combination of colors, inner face of petals salmon-pink to carmine, outside glowing carmine with coppery sheen and orange.

E. G. Hill (new)

Long buds of perfect form opening into full double flowers of rich crimson scarlet.

K. A. Victoria

In color a soft pearly-white. Remarkable fragrant Hybrid Tea rose.

Killarney Brilliant

A "Sport" from Killarney far more intense in coloring and more double. A rich glowing shade of rosy-carmine.

Killarney Double White

A pure white of double form. A beautiful rose.

Mons. Julien Potin

The most gorgeous and brilliant yellow

low Hybrid-tea rose. Long buds developing into large full flowers of beautiful form.

Mrs. W. C. Miller (H. T.)

As a pink bedding rose there is none better. The flowers remain perfect on the bushes for a long time; they are bright pink with lighter shadings.

Ophelia (H. T.)

A rose that is admired by everyone. Flowers of delicate tint of salmon-flesh, shaded with rose, are held erect on long stiff stems.

Padre (H. T.)

A brilliant coppery scarlet rose flushed with yellow at the base. Beautiful long buds, splendid for cutting. Very free flowering.

Rev. F. Page Roberts

Long pointed buds of coppery-red and opening to full double fragrant flowers of a golden yellow.

Talisman

A very fine rose with distinct and beautiful coloring, with its long, pointed buds and flowers in rich shades of golden yellow, coral pink, apricot and orange. Winner of many medals.

Willowmere

This splendid rose is of coral-red, suffused with carmine in the bud state, and opens to a large, full, flower of rich shrimp pink, shaded yellow in the center flushed carmine-pink towards the edges.

CLIMBING ROSES

Claudius Pernet

The climbing variety of this beautiful yellow rose.

General MacArthur

Climbing form of the well known red rose of that name. Large buds.

Roserie

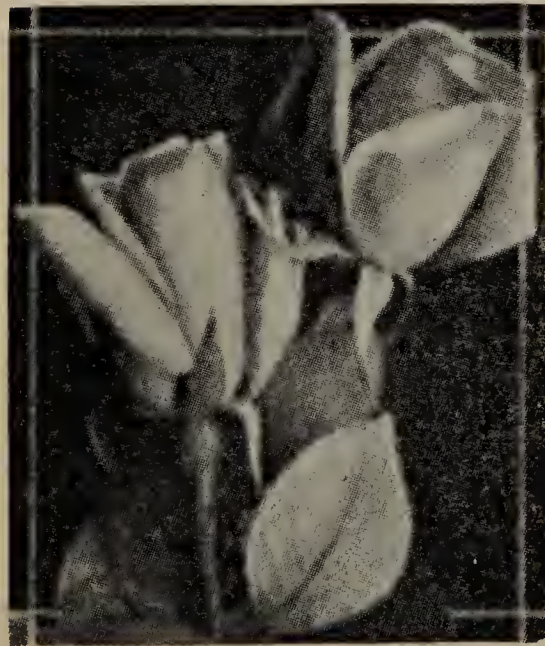
A popular variety with large flowers of cerise-pink.

BLACK LOCUST TREES

Plant a wood lot or wind break. The Black Locust is a rapid growing tree, and the wood makes good fence posts.

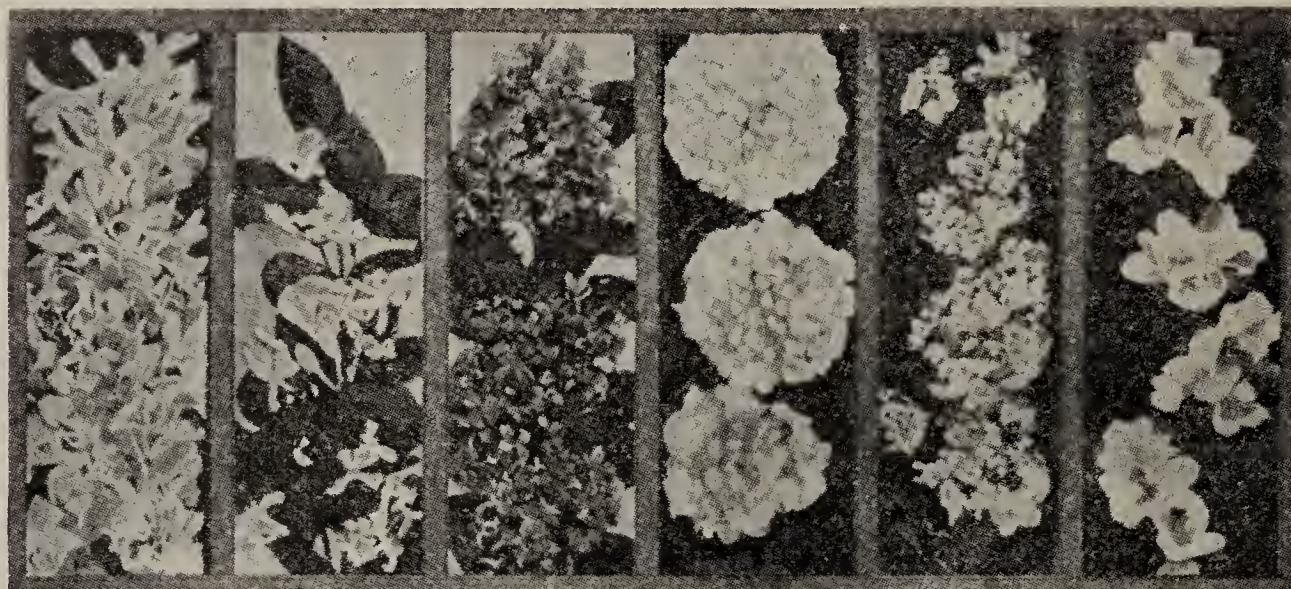
| | |
|-------------------------------|-------------------------|
| Two-year-old trees at | 25c each; 5 for \$1.00 |
| Three-year-old trees at | 35c. each; 3 for \$1.00 |
| Four-year-old trees at | 50c each; 3 for \$1.25 |
| Five-year-old trees at | 75c each; 3 for \$2.00 |
| Six-year-old trees at | \$1.25 each |

Locust Trees F. O. B. Lewiston



The rose is the finest cultivated blooming plant—the Queen of Flowers—Plant more of them

Nursery Department



Forsythia

Honeysuckle

Lilac

Snowball

Spiraea

Mock Orange

Almond (Prunus)

PINK FLOWERING (P. Japonica). Well-known early dwarf shrub. Double, clear pink little roses festoon the gracefully bending branches. Height at maturity, 3 feet. Each 75c, postpaid.

Althaea (Rose of Sharon)

Late summer blooming; continues into the fall when color is scarce, bearing flowers that closely resemble Hollyhocks in color and size. Colors pink, white or red. Maturity height, 10 feet. Each 75c, postpaid.

Buddleia

FARQUHARI. A new, rather dwarf, compact growing variety of the Butterfly Bush or Summer Lilac. Has rich green foliage with silvery reverse, and bears in late summer long racemes of rich lilac-purple flowers. Two year. Each 60c, postpaid.

Barberry

B. THUNBERG (Japanese). Low growing with clusters of white flowers in May. Foliage changes to a red in autumn. Maturity height, 4 feet. Each 75c, postpaid.

Deutzia

DEUTZIA GRACILIS. One of our daintiest and most graceful flowering shrubs. Low growing, slender branches, covered with a profusion of flowers, white with a blush of pink in the bud. Each 75c, postpaid.

PRIDE OF ROCHESTER (Deutzia Crenata). Pure white, tinged with blush. Flowers very double, blooming May and June. Maturity height, 6 feet. Each 75c, postpaid.

WATERI (D. Crenata Flora Rosa Plena). Beautiful dainty, double pink flowers. A fine lawn subject. Very showy. Grows to 6 feet. Each 75c, postpaid.

Elder

GOLDEN. A handsome variety, with golden yellow foliage. Hardy and easily grown. Each 75c, postpaid.

Forsythia (Golden Bell)

F. FORTUNEI. Blooms in dense masses of golden yellow flowers in early spring. Beautiful as lawn tree. Each 75c, postpaid.

Honeysuckle (Bush)

RED TARTARIAN. Blooms in May. Bright pink flowers. Each 75c, postpaid.

WHITE TARTARIAN. Bushy, upright growth, flowers freely. Red and orange berries stay on until fall. Maturity height, 8 feet. Each 75c, postpaid.

Hydrangea

ARBORESCENS (Snowball Hydrangea). A new ever-blooming shrub; attains a height of 6 feet. Literally loaded with large panicles of snow-white flowers all the season. Each 75c, postpaid.

PANICULATA GRANDIFLORA (Tree Hydrangea). Grows to 6 feet high. Flowers are in cone shape on ends of branches, pure white, afterwards changing to pink, remaining on tree until frost. Each 75c, postpaid.

Lilac (Syringa Vulgaris)

Maturity height, about 15 feet.

COMMON. White or purple. Each 75c, postpaid.

CHAS. SARGENT. Violet-mauve, blended with sky-blue; enormous flowers. Grafted. Each \$1.00, postpaid.

Mock Orange (Syringa)

Large, hardy shrub, with a profusion of white, creamy flowers; very fragrant. Maturity height, 12 feet. Grafted. Each 75c, postpaid.

Quince

JANANESE FLOWERING. Covered with bright scarlet flowers very early in spring before leaves appear. Maturity height, 4 feet. Each 75c, postpaid.

Russian Olive

Large shrub with long, narrow, silvery foliage. Flowers yellow, appearing in May, followed by yellow berries. Maturity height, 10 feet. Each \$1.00. Postpaid.

Snowball

COMMON. Flowers globular, pure white, in May. Maturity height, 12 feet; 2 to 3 feet. Each 75c, postpaid.

Symphoricarpos (Snowberry)

S. OCCIDENTALIS (Western Snowberry). A native shrub of spreading habit, bearing small, pink flowers in summer and clusters of large, clear white berries in winter. Maturity height, 5 feet. Each 50c, postpaid.

S. VULGARIS (Indian Currant). Red fruited snowberry, habits similar to white, but loaded with dark red berries fall and winter. Grows to 4 feet. Each 50c, postpaid.



Golden Elder

Privet (Ligustrum)

CALIFORNIA PRIVET (*L. Ovalifolium*). Our best plant for hedges. Plant in double row 2 feet apart, 6 inches between plants. Maturity height, 10 feet.
18 to 24 inch, 10 plants\$1.00; 100, \$7.50.
12 to 18 inch, 10 plants\$0.75; 100, \$6.00.

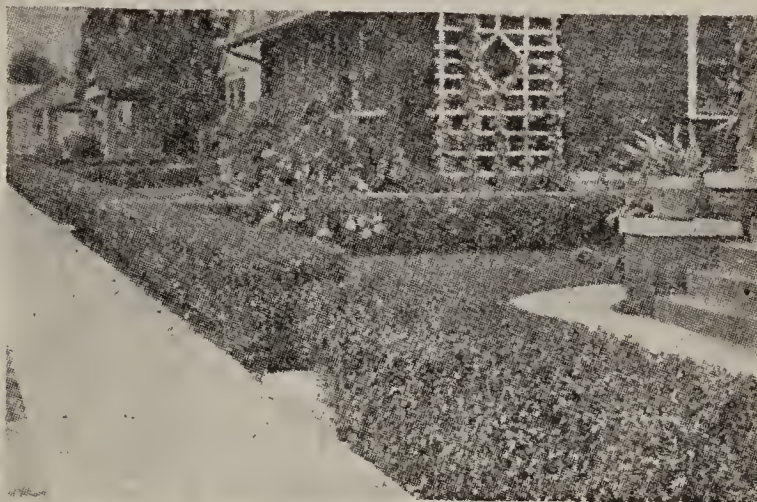
ENGLISH PRIVET (*L. Vulgare*). A little hardier, for colder climate; leaves smaller. Maturity height, 10 feet.
18 to 24 inch, 10 plants\$1.00; 100, \$7.50.
12 to 18 inch, 10 plants\$0.75; 100, \$6.00.

Spirea

BILLARDI'S (*S. Billardi*). Flowers red in dense spikes. Blooms most of summer. Maturity height, 4 feet. Each 60c; postpaid.

CRIMSON—Anthony Waterer (*S. Bumalda*). A desirable variety; deep red flowers, blooming all summer; fine for foreground planting. Maturity height, 4 feet. Each 50c, postpaid.

PRUNIFOLIA (*Bridal Wreath*). Slender, erect growing, having beautifully colored foliage and bearing very early in the spring. Small double, white flowers the entire length of its branches. Each 60c, postpaid.



Privet Hedge

THUNBERGII. Charming spirea with graceful form and abundant blooms. Maturity height, 4 feet. Each 60c, postpaid.

VAN HOUTTEI'S BRIDAL WREATH (*S. Van Houttei*). Very graceful; flowers white in clusters. May. Maturity height, 6 feet. Each 50c, postpaid.

Tamarix

JUNIPERANA (*Africana*). Ornamental tree with soft, juniper-like leaves, pink flowers. Maturity height, 14 feet. Each 75c, postpaid.

Weigelia

A most desirable free-flowering shrub, covered in the late spring with a mass of trumpet-shaped flowers, showing a profusion of bloom that is unequalled. Maturity height, 12 feet. Each 75c, postpaid.

CANDIDA. Flowers white, bush tall.

ROSEA. Flowers light pink, shrub compact.

EVA RATHKE. Flowers red; one of the best.

VARIEGATED. Leaves become silver white.

Vines

Boston Ivy

The most popular climbing vine for covering brick, stone or wooden walls. When it becomes established it is a very rapid growth and clings to the smoothest surface. The foliage is of a rich olive green during the summer, changing to various shades of bright crimson and scarlet in the fall. Strong, two-year roots. Each 75c, postpaid.

Celastrus (Bittersweet)

A rapid-growing climbing plant, with attractive light green foliage and yellow flowers during June, which are followed in the autumn with bright orange fruit. Each, 1.25, postpaid.

Clematis (Paniculata)

Japanese Virgin's Bower. A luxuriant grower, profuse bloomer with fine foliage. Pure white, medium-sized, fragrant flowers. produced in the greatest profusion in late summer. Each \$1.00, postpaid.

Honeysuckle (Hall's Japan)

An almost evergreen variety, with pure white flowers, changing to yellow. Very fragrant and a vigorous grower. Each 75c, postpaid.

Trumpet Vine

A splendid climber, vigorous and hardy, with clusters of large, trumpet shaped scarlet flowers in August. Each 75c, postpaid.

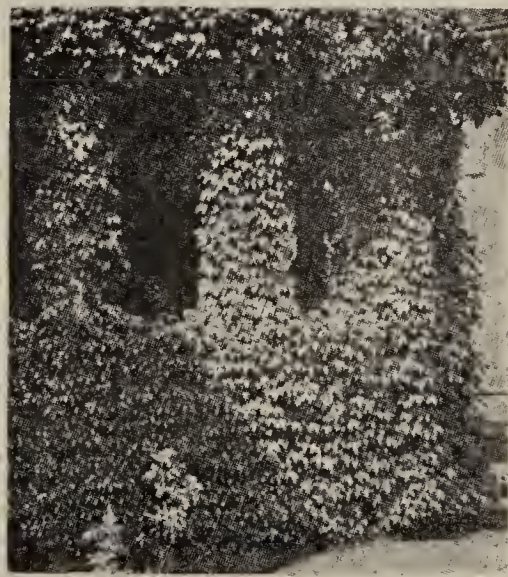
Virginia Creeper

Also called Woodbine. A very rapid grower, having beautiful, dark green foliage. Assumes rich crimson hues in autumn. Each 60c, postpaid.

Wisteria

CHINESE PURPLE. A very strong growing vine, often growing 15 to 20 feet in a season. Has long clusters of sky-blue flowers. Extremely hardy. Strong plants. Each 75c, postpaid.

CHINESE WHITE. Habit of growth similar to Chinese Purple, but the flowers are somewhat smaller and pure white. Each 75c, postpaid.



Boston Ivy



Spirea Van Houttei

Ornamental Trees

FOR SHADE AND ORNAMENTAL PURPOSES

Deciduous Trees

ALL PRICES ARE F. O. B. NURSERY

Birch (Betula)

CUT-LEAF WEEPING. (B. *Pendula laciniata*). This tree is indeed a picture of delicacy and grace. Makes a large tree.
5 to 6 feet. \$2 each.

Catalpa

C. BUNGEI. A small species 8 to 10 feet high, clothed with a dense mass of large, heart-shaped leaves. 5-6 feet. \$2.50 each.

C. SPECIOSA. This is a tropical looking tree, and flowers in July when few trees are in bloom. A very attractive lawn tree.
5 to 6 feet. \$1 each.

Cherry (Cerasus)

A handsome ornamental tree, especially adapted for small grounds.

CHINESE DOUBLE FLOWERING (*Sinensis Flora Plena*). A valuable variety, with large double white flowers. 3-4 feet. \$1.50 each.

Crab (Pyrus)

BECHTEL'S DOUBLE FLOWERING CRAB. A medium-sized, ornamental tree of great beauty. When in bloom this tree presents the appearance of being covered with pink roses. Flowers large, fragrant and beautiful.
4 to 5 feet. \$1.00 each.

Elm (Ulmus)

AMERICAN WHITE (*Americana*). A native tree of large size, with open, spreading head and graceful drooping branches. 6-8 feet. \$1.00 each.

Linden or Lime (Tilia)

AMERICAN, or BASSWOOD (*Americana*). A rapid-growing, open-head or spreading tree, with large leaves. Very desirable. 6-8 feet. \$1.25 each

WHITE-LEAVED EUROPEAN (*Alba*). A vigorous growing tree, with large handsome foliage, quite downy and whitish underneath; smooth above. 6-8 ft. \$1.25 each.

Maple (Acer)

ASH-LEAVED (*Negundo*). A rapid-growing tree, with leaves and branches of a light green. 6-8 feet. \$1.00 each.

NORWAY (*Platanoides*). Very popular on account of its clean, broad foliage of rich, deep green. Stout vigorous grower. 6-8 feet. \$1.25 each.

SCHWEDLER'S NORWAY (*Schwedlerii*). Young shoots and leaves of a purplish crimson color. 6-8 ft. \$2.00. each.

Mountain Ash (Sorbus)

AMERICAN (*S. Americana*). Of coarser growth and foliage than the European, and having larger berries of a lighter color. White blossoms appear in early spring, followed by clusters of scarlet berries. 5-6 ft. \$1.25 each.

Poplar (Populus)

Desirable where rapid growth is wanted.

CAROLINA. Pyramidal in form and robust in growth. Leaves large, serrated and pale to deep green in color. 6-8 feet. 75c each.

LOMBARDY (*Fastigiata*). Well known for its erect, rapid growth and commanding form. 6-8 feet. 75c each.

Plane Tree or Sycamore (Plantanus)

ORIENTAL PLANE. A lofty, wide-spreading tree; heart-shaped leaves. Entirely free from worms or insects. One of the oldest cultivated trees known.
6 to 8 feet. \$1.25 each.



Your garden can be as beautiful as this one pictured above, with careful planning, wise selection of plants, seeds and bulbs from this catalog.

Plum (Prunus)

P. TRILOBA. (Double flowering). A very pretty little shrub, hardy and desirable. The flowers about an inch in diameter, semi-double, of a delicate pink color, appearing in May. 4-6 feet. \$1.00 each.

Thorn (Crataegus)

Dense, low-growing trees, and very ornamental when in bloom.

PAUL'S NEW DOUBLE (*Coccinea Flore Pleno Paulii*). Producing bright crimson and very double flowers. One of the best. 5-6 feet. \$1.50 each.

Willow (Salix)

BABYLONICA. Our common and well-known weeping willow. 4-6 feet. \$1.00 each.

NUT TREES

FILBERT. A profitable and satisfactory nut to grow. The nuts are rich and of excellent flavor. 3-4 feet. \$1.00 each.

WALNUT, BLACK. One of our most valuable nut trees, the timber being highly prized for many purposes, while the nut meats are sought after for the peculiar richness and flavor which characterizes this variety. The Black Walnut has considerable importance as a shade tree. 4-6 feet. \$1.25 each.

WALNUT, COMMON ENGLISH. These trees should be more generally planted in the Western states. They make attractive, thrifty trees and produce nuts of great value. 3-4 feet. \$1.25 each.

ALMONDS. 4-6 feet. 75c each.

RED RASPBERRY PLANTS

LATHAM. This berry is the leading berry wherever raspberries can be grown. High quality, large, hardy, better shipper than many other varieties. Good color. On account of its good qualities, it is now planted more extensively than any other red raspberry.

| | Per 100 |
|-------------------------------|---------|
| 1 year, 12 to 18 inches | \$4.00 |
| 1 year, 2 to 3 feet | 5.00 |
| 1 year, 4 to 6 feet | 6.00 |

Grapes

CAMPBELL'S EARLY. Nearly round, black, with light purple bloom; flesh rather firm but tender; quality rich, sweet, slightly vinous. A strong, vigorous grower. August.

CONCORD. Large, black grape; bunches compact; berries round, sweet, pleasant. August.

DELAWARE. One of the finest of our native grapes. Grows freely; perfectly hardy; ripens early; berries small, bright red. August.

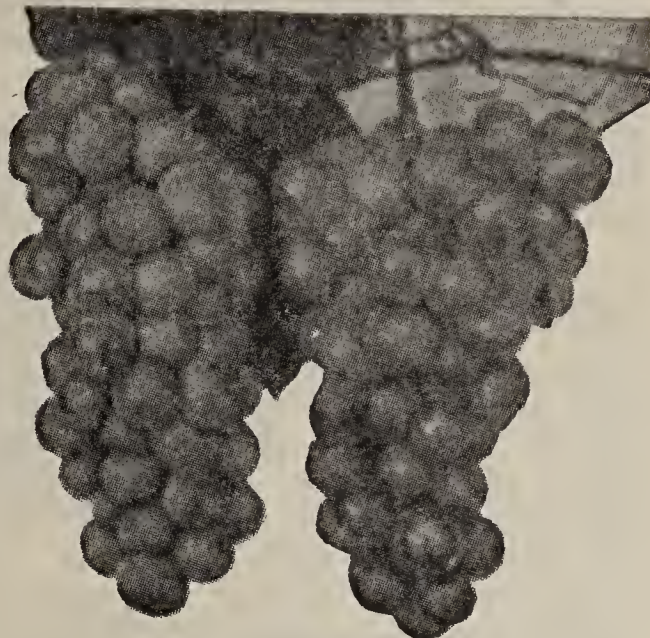
LUCILE. Good medium large, red grape; hardy.

MOORE'S EARLY. Berry large, resembling Concord, but more pulp and earlier.

NIAGARA. Bunch medium; berry large, roundish, uniform; skin thin but rough; pale yellow flesh, tender and sweet; vine vigorous and productive. One of the best white. September.

WORDEN. Bunch large and compact; berry large, black; improved Concord. Late August.

2-year plants, each 20c; 10, \$1.75; 100, \$15.00; postpaid, each 25c; 10, \$1.90; 100, \$15.50.



Fertilizers

ALWAYS LOOK on the Label for the GERM COUNT Expiration DATE and the PRICE

INOCULATE Your legumes with

The Original Legume Inoculator
NITRAGIN
TRADE MARK REGD. DEC. 3, 1928 NO. 32212

Fresh Each Year Leads in High Germ Count

Alfalfa, Clovers, Soy beans, Peas, Cow Peas, Beans, Vetch, Lespedeza

COSTS LESS—ALWAYS RELIABLE

When you buy NITRAGIN you BUY BILLIONS of FRESH Legume Germs—not just a package of inoculation. Germ Count and Expiration Date gives you double protection—and more for your money. Don't gamble—buy NITRAGIN.

EASY TO APPLY—WITH OR WITHOUT WATER

NITRAGIN is a granular MOIST soil-like culture packed in tins. If mixed well can be applied to seed without water, and good inoculation will result. However any inoculation will give more uniform results when water is used.

Remember, NITRAGIN can do anything claimed by other inoculators — and do it BETTER and CHEAPER.

NITRAGIN INOCULATION PRICES
When ordering, always specify kind of seed.

| | | | |
|-----------------------------|--------|---|--------|
| Alfalfa, All Clovers | | Soy Beans, Cow Peas Lespedeza (Hulled) | |
| Size | Retail | Size | Retail |
| ½ bu. | \$.50 | 1 bu. | \$.40 |
| 1 bu. | .90 | 2 bu. | .70 |
| 5 bu. | 4.00 | 5 bu. | 1.50 |
| | | 10 bu. | 2.50 |

Peas, Vetch, Beans, Austrian Winter Peas

| | |
|------------------|--------|
| Size | Retail |
| ½ bu. | \$.40 |
| 1 bu. | .60 |
| * 1-2/3 bu. | .90 |
| 5 bu. | 2.50 |

*"100 lb. size." Packed only for Vetch and Aust. Pea.

Garden NITRAGIN for Peas, Beans, Sweet Peas

Inoculates from 1 oz. to 8 lbs. seed, Price 25c

NITRAGIN Has Served the American Farmer Since 1898

MORCROP M. 3-10-10

Can be used to advantage on sandy soils, and is a profitable investment. For cherries, pears, potatoes, etc. Price: 100 lbs. \$2.60; per ton \$50.00.

SULPHATE OF AMMONIA

Analysis—Nitrogen as Ammonia 25%

Sulphate of Ammonia is one of the most quickly available and most desirable forms of nitrogen to use. It is at once absorbed by the water in the soil and immediately effective. Use 2 to 3 pounds to fertilize 1,000 square feet of lawn or 400 to 600 pounds per acre. Price: 100 lbs. \$3.50.

NITRATE OF SODA

Analysis—Nitrogen as Ammonia 18%

One of the most valuable fertilizers where quick leaf growth is desired. Used extensively for fruit trees, lettuce, radishes, celery and other quick-growing crops. Price: 100 lbs. \$3.50.

BONE MEAL

Analysis—Nitrogen 2%; Phosphoric Acid 30%

Bone Meal is one of the best fertilizers to use where Nitrogen and Phosphoric Acid are needed. It is especially good for lawns and flower beds. Its slow action and there is no waste as the plant food is released only as fast as it can be taken up by the plants. It can be used in almost unlimited quantities without danger of burning the plant. Price: 100 lbs. \$2.75.

GYPSUM or LAND PLASTER

A necessary plant food for legumes on soils that are lacking in sulphur. Will increase the yield from 50 to 100%. Apply at the rate of 200 pounds to the acre every second or third year. Price: 100 lbs. 90c; ton \$15.00.

AIR-SLACKED LIME

Used principally for sweetening alkaline soil, and is highly recommended for this purpose by soil experts. Price: 100 lbs. \$1.00. Special quantity price of \$15.00 per ton.

SHEEP GUANO

One of the best fertilizers for lawns and gardens. Free from any disagreeable odors. Our brand is kiln dried and thoroughly pulverized, and is therefore quick in action. There is no danger of applying too much. 100 pounds is sufficient to fertilize 1,000 square feet of lawn. Price: 100 lbs. 90c. Special quantity price of \$15.00 per ton.

We can supply any kind of fertilizer you are interested in, and will be glad to quote prices upon receipt of your request.

| STOCK AND POULTRY FEED AND REMEDIES | |
|-------------------------------------|------------------|
| Limestone Grit, fine or coarse | 100 lbs. \$1.00 |
| Oyster Shell, Eastern | 1.50 |
| Granulated Bone, fine | 2.50 |
| Granulated Bone, coarse | 2.50 |
| Buttermilk Mash for little chicks | Write for Price |
| Growing Mash | Write for Price |
| Egg Mash, M. M. | Write for Prices |
| Calf Meal, 25 lb. bags, each | 1.25 |
| Chick Feed | Write for prices |


SPERRY'S SURELIVE
BABY CHICK MASH—Contains Cod Liver Oil
INCREASE YOUR POULTRY AND DAIRY PROFITS
By Using Sperry Surelay and Suremilk
These feeds are made from carefully selected ingredients. They are scientifically blended so as to give the very best results. The formulae have been carefully worked out on their own Research Farm. They are laboratory tested. Surelive and Suregrow will develop your chicks into vigorous, well-framed pullets that will be real money-makers for you. It isn't the price, it is the results that count. Reduce your mortality and increase the number of well-developed pullets by using Sperry Feeds.
We carry a complete line of Sperry Tested Feeds.

SPRAY YOUR PLANTS THIS NEW SAFE WAY



EVER GREEN
NON-POISONOUS INSECTICIDE


A highly effective, non-poisonous insecticide. Absolutely harmless to man, livestock, birds and pets. (No danger of eating poisoned vegetables.) Cannot burn or otherwise injure most delicate plants even in the concentrated solutions. Keeps its strength indefinitely. No continuous agitation necessary—remains in solution and will not gum sprayers. Will not injure rubber, metal, hands or clothing. Tests show **EVER GREEN** to be effective against cutworms, cucumber beetles, cabbage worms, aphids (plant lice), leaf hoppers, thrips, rose slugs, melon beetles, currant worms and most other insects, both chewing and sucking. Being non-poisonous, it is available. One gallon makes 800 gallons effective aphid spray. Prices: 1½ oz. 35c (makes 9 gal. spray); 6 ozs. \$1.00; 16 ozs. \$2.00; 32 ozs. \$3.85; gallon bottles \$13.00. Full instructions with each bottle.



Black Leaf 40

FRIEND
of Growers and Poultry People!

40% Nicotine. The world's leading contact insecticide and poultry delouser. Always dependable. "A little goes a long way."



Black Leaf 40
NICOTINE SULPHATE
POISON

Kills Aphids, Thrips, Leaf Hoppers and
other insects on garden, farm and orchard crops by contact and fumes—an advantage not possessed by non-volatile, non-poisonous spray materials.

Also Kills Poultry Lice . . .
Merely paint tops of perches with "Black Leaf 40." Body heat from roosting birds creates fumes which penetrate feathers and kill lice and feather mites.

| | | | |
|--------|--------|---------|--------|
| 1 oz. | \$0.35 | 2 lbs. | \$3.10 |
| 5 ozs. | 1.00 | 5 lbs. | 5.85 |
| 1 lb. | 2.10 | 10 lbs. | 10.15 |

| ALL SPRAY MATERIALS F. O. B. LEWISTON | |
|--|---------|
| SPRAY MATERIALS | |
| Dry Lime and Sulphur, 1 lb. 25c; 50 lbs. \$7.50; | |
| 100 lbs. | \$12.50 |
| Roche Harbor Lime, per bbl. | 4.00 |
| Land Sulphur, 100 lbs. | 3.30 |
| Blue Stone, 12½c per lb.; per 100 lbs. | 10.00 |
| Grafting Wax, per lb. | .50 |
| Copper Carbonate, 50 per cent, per lb. | .20 |
| Puritol, White Disinfecting Paint, 5 lb. pkg. | .75 |

Healthy poultry returns an added profit with no additional expense

| | |
|--|------|
| BORDEAUX MIXTURE, 1 lb. 30c; 8 lbs. | 2.00 |
| DRY ARSENATE OF LEAD, 1 lb. 25c; 4 lbs. 80c; | |
| 48 lbs. | 7.20 |
| PARIS GREEN, ¼ lb. 20c; 1 lb. 50c; 5 lbs. | 2.25 |

Reg. U. S. Pat. Office

CEL-O-GLASS

U. S. Patent 1,580,287

Unbreakable, weather proof; passes violet rays; economical, durable, healthful. Comes in rolls 36 inches wide by 100 feet long. Price: 40c per running foot, postpaid.

GLASS FABRIC
The same preparation is used as on the Cel-O-Glass but put on cloth. The same results are obtained, but of course it is not as durable. Comes 3 feet wide. Price: 30c per square yard, postpaid.

INCREASE FARM PROFITS AND GARDEN PLEASURES
SEMESAN JR. For Seed, Field and Sweet Corn. Semesan Jr. destroys harmful disease organisms on the seed, protects seed from rotting in cold, wet soils, makes earlier planting possible, controls seedling blight, reduces root and stalk rot and generally increases crop yield. Use 2 ounces per bushel of seed. Price: 4 ozs. 50c; 1 lb. \$1.75; 5 lbs. \$8.00; 25 lbs. \$31.25.



THE "CYCLONE" SEED SOWER

THE SOWER THAT SCATTERS EVENLY.

- CYCLONE SEED SOWER

Guaranteed to distribute seed perfectly, direct and evenly to the land. Sows clover, timothy, red top, alfalfa, oats, rye, wheat, millet, buckwheat, turnip and other varieties of farm seeds. Clover seed is sown at a width of 18 feet; timothy, 15 feet; alfalfa, 20 feet; wheat, 25 feet; millet, 18 feet; oats, 18 feet.

Price, \$2.25 each, postpaid. \$2.00 each, not postpaid.

TIN HORN SEEDER

Adjustable. A good serviceable seeder at a very low price. Weight 1 lb. Each \$1.00. Postpaid.




THE SECTIONAL TUBE STYLE


ROUND BABY-CHICK FEEDERS

The most popular on the market. The top fits snugly, yet can be easily taken apart for cleaning and filling. A great feed saver.

No. 11—Dia. 6 in., 8 holes. Price postpaid.....15c
No. 12—Dia. 8½ in., 12 holes. Price postpaid.....30c



| GRIT AND SHELL BOXES | | | |
|---|---------|-------|--------|
| These boxes are the most practical means of economical feeding of Grit, Shell, Bone, Charcoal, etc. They will soon pay for themselves in material saved and will last a lifetime. | | | |
| No. | Width | Comp. | Price |
| 45 | 5 inch | 2 | \$0.55 |
| 9 | 8½ inch | 3 | 1.00 |
| 90 | 11 inch | 4 | 1.35 |




ECLIPSE FEEDING TROUGHS

Not a seam. Top and bottom each stamped from a single piece of metal makes the

very popular for feeding chicks and growing stock.

No. 27—10 in. Price postpaid30c
No. 28—20 in. Price postpaid40c



Poultry Supplies

BUTTERMILK FEEDING TROUGHS

For feeding buttermilk. Made the same as the Eclipse, described on previous page, but the material is tin plate, which is not affected by the acid in sweet, sour or buttermilk.

No. 138, 20 in., price50c

NUMBERED ADJUSTABLE BANDS



Aluminum with large raised figures, 1 to 100, adjustable to fit any breed.

| | |
|---------------------|-------------|
| 12 bands, 1 to 12 |\$0.15 |
| 25 bands, 1 to 25 |25 |
| 50 bands, 1 to 50 |40 |
| 100 bands, 1 to 100 |75 |

SPIRAL CELLULOID BANDS



Don't forget to specify the colors wanted: Cerise, Blue, Red, Green, White, Orange, Black.

No. 5 for pigeons and baby chicks.
No. 6 for bantams and growing chicks.
No. 8 for Leghorns, Minorcas, etc.
No. 11 for Plymouth Rocks, Rhode Island Reds.

| | | | |
|--------------|-------------|---------|----------|
| | 12 Bds. | 50 Bds. | 100 Bds. |
| No. 6, 8, 11 |\$0.15 | \$0.50 | \$0.75 |
| No. 5 |10 | .30 | .50 |

MOE'S LARGE CAPACITY FEEDER



A wonderful feeder for young growing stock. Has a large capacity, with 16 openings on each side, so that 32 chicks can feed at one time. The birds can not roost on the cover or sides, so it is impossible to foul the feed. Has a slipping top cover, easy to fill and clean.

A great time and labor saver where chicks are raised in large numbers.

Made in heavy galvanized iron. Length 21 inches; width 8½ inches; height 7 inches; capacity 10 quarts; shipping weight 4 pounds.

No. 140, Chick Feeder, each prepaid.....\$1.50
No. 141, Length 35 in., 17 qts., 54 openings, P. P. 2.20

MASCOT AUTOMATIC EGG SCALE

Dial readings are graduated in half ounces from 16 to 32 ounces per dozen eggs. Price: \$2.35. Postpaid.

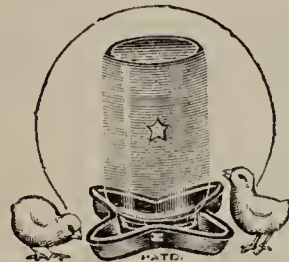


SO EASY TO FILL AND CLEAN BOTTOM-FILL FOUNTAINS

Then, too, they are inexpensive, accurately made and tapered to prevent bursting from freezing.

No. 24, capacity 4 qts. 65c

THE FAMOUS "STAR" FOUNTAIN



More chicks are watered and fed from "STAR" fountains than any other style made. Stamped from one piece of heavy, non-rusting metal. Cannot leak. Fits any size Mason fruit jar.

No. 32, price each, postpaid\$0.15

Feed Poultry plenty of green stuffs for an aid to balanced rations

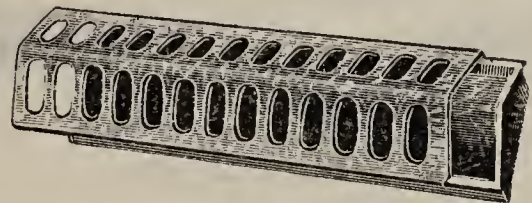
"TOP-FILL" FOUNTAINS Automatic Feed

Made of heavy galvanized iron, with double walls. Feeds automatically. No valves to get out of order. Sanitary and easily cleaned.

No. 1. 1-gal. cap. P. P. \$1.75
No. 2. 2-gal. cap. P. P. 2.75
No. 4. 4-gal. cap. P. P. 3.30



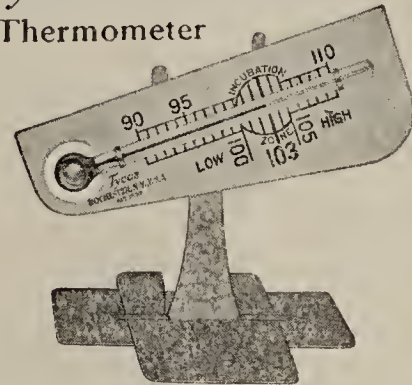
DOUBLE FEEDING TROUGHS



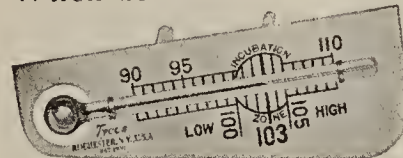
For chicks and growing stock they are very popular. Smooth, turned edges, sliding top. Easy to fill and clean.
No. 58. Size 12 inch. Price\$0.40
No. 59. Size 18 inch. Price50
No. 60. Size 24 inch. Price60

No. 5776

Tycos Incubation-Zone Thermometer



When used with Stand



When used without Stand

INCUBATOR THERMOMETERS

Price, prepaid\$0.90

TYCOS HYGROMETER

Takes the space of one egg in the incubator and tells the true moisture condition. Each packed with booklet.
No. 5796 Hygrometer \$1.75; prepaid \$1.85
Extra silk wicks. Each15

NO. 38 MOE'S PUNCH

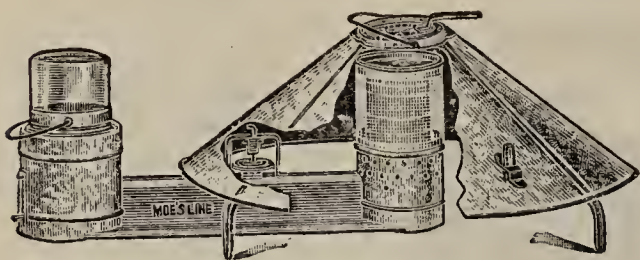
A popular and practical punch for marking baby chicks.
Price each, prepaid\$0.25

DIAMOND EGG CARRIERS FOR HATCHING EGGS

15 egg size 40c; 25 egg size 60c, postpaid.

SHIPPING BOXES FOR DAY-OLD CHICKS

50 chick size, prepaid\$0.35
100 chick size, prepaid45



| No. | Size Canopy | Capacity Chicks | Shipping Weight | Price Complete |
|-----|-------------|-----------------|-----------------|----------------|
| 225 | 34 in. | 300 | 40 lbs. | \$13.45 |
| 226 | 42 in. | 500 | 52 lbs. | 14.65 |
| 227 | 52 in. | 1000 | 61 lbs. | 16.75 |

Above prices F. O. B. Lewiston

MOE'S AUTOMATIC BLUE FLAME OIL BROODERS

Moe's Automatic Oil Burning Brooder with Thermostatic Control, burns ordinary kerosene oil; gives a steady, clean, uniform heat without odor.

New improved, wickless, blue flame burner, protected by heavy mesh guard.

Easily operated thermostatic control regulates heat uniformly and consumption of oil. The control can be alternated if desired by hand control.

Glass reservoir holds one gallon kerosene. This will run brooder 24 hours. Easily refilled while burning.

Complete directions and guarantee with each brooder.

Garden Supplies

All Steel Lawn Weeder

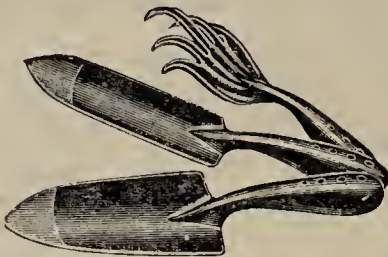


Postpaid. Each 35c

HAND WEEDER

Made of one piece of hard, stiff steel. Ground edge and baked enamel handle.

Postpaid, each 25c



GARDEN SET

Consisting of one No. 80 Garden Trowel, one No. 81 Transplanting Trowel, one No. 82 Garden Weeder. All made of one - piece heavy pressed steel finished in black baked enamel.

Each, 25c; set of 3, 75c Postpaid

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MARK MEANS CO. give no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once. (over)



LAWN GRASS SEED

To have a good lawn the soil must be rich, carefully worked and well leveled. All refuse should be removed and some good fertilizer worked into the soil. Either fine pulverised Sheep Guano or Morecrop Lawn Fertilizer will give good results. **Then use the best seed obtainable.** Plant any time from September until late spring. Rake in the seed and then roll. In watering your lawn soak it deeply and not too often, as frequent light waterings tend to bring the roots close to the surface, where they quickly dry out and sometimes burn out. But don't expect to make a good lawn with cheap seed.

A mixture of several varieties of grasses usually makes the best lawn. All grasses have an off or rest period at some time during the year, and during these rest periods very little new growth appears. These rest periods vary with different grasses, and by seeding a mixture the lawn always looks thrifty and fresh.

Buy the best seed you can afford, as the cost of seed is a minor item compared to the rest of the expense connected with making a lawn.

Our lawn mixtures are made up of seed of the highest purity and germination that we can buy, or we can furnish you with the straight varieties and you can make your own mixture.

BLUEBENT LAWN MIXTURE

A mixture of fine-leaved turf grasses containing a large percentage of Creeping Bent and Chewing Fescue. Both these grasses spread by means of underground root stalks and will eventually exclude other grasses. A Bluebent lawn is a permanent investment.

1 lb. 75c; 5 lbs. \$3.50 postpaid

LEWIS-CLARK MIXED LAWN SEED. Our Mixed Lawn Grass Seed is made up of only the fine leaved and long lived grasses which will produce a beautiful, velvety-carpet-like lawn that will last for years. Enough White Clover is used to make a quick showing and act as a nurse crop for the grasses while they are becoming established. **Price: Lb. 50c; 5 lbs. \$2.25, postpaid.**

CREEPING BENT. For those desiring the finest lawn possible, we recommend Imported Creeping Bent Grass seeded straight. This grass grows rapidly, is of fine texture and spreading habit, and makes a strong, enduring sod. **Price: Lb. \$1.25, postpaid.**

CHEWING FESCUE. A low-growing, fine-leaved grass which forms a close turf that prevents ingress of weeds. Thrives in all kinds of soil, even the lightest and driest. Unexcelled for lawns and golf courses. **Price: Lb. 60c; 10 lbs. \$5.50, postpaid.**

SHADY LAWN MIXTURE. We also have a mixture for seeding in shady places. This is a combination of the most successful of fine leaf grasses that do especially well in shade. It is carefully prepared and a mixture of expensive imported grasses. **Price: Lb. 80c; postpaid.**

KENTUCKY BLUE GRASS. The most important grass for lawn making and is the base of our Lewis-Clark mixed lawn seed. It is the first grass to start in the spring and remains green until late winter. Is very hardy and is uninjured by cold or heat.

Fancy—Price: Lb. 40c; 10 lbs. \$3.85, postpaid.

Lewis-Clark—Price: Lb. 45c; 10 lbs. \$4.35, postpaid.

WHITE CLOVER. White Clover is especially valuable when mixed with other grasses and adds greatly to the appearance of the lawn.

Lewis-Clark — Price: Lb. 65c; 10 lbs. \$6.00, postpaid.

Fancy—Price: Lb. 60c; 10 lbs. \$5.50, postpaid.

LEWIS CLARK SEEDS

Mark Means Co.

Lewiston, Idaho

Annual Catalog
1933

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—SEEDS—

BEST IN THE WEST